Industrial Solutions

Excellence for industrial coating.

The big WAGNER Powder application 2015

Experience

WAGNER

WAGNER is one of the market leading manufacturers of high tech systems and components for the application of liquid and powder lacquers and other paints to surfaces. WAGNER offers a complete product and technology range, starting with feeding the material to mixing, dosing, motion and control technology including material logistics; finishing with the application of various materials to the surfaces.

The WAGNER Group operates globally with approximately 1,450 employees, 19 operative companies and about 300 international WAGNER sales branches. We have seven technology centers for research and development worldwide: In workshops equipped with the latest technology customers may apply coating to their product under real-life production conditions and determine the most cost-effective system configuration.

We ensure the high quality of all WAGNER products with a quality assurance system covering all business processes: design and development, production, process technology, marketing, sales and service.

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WAGNER

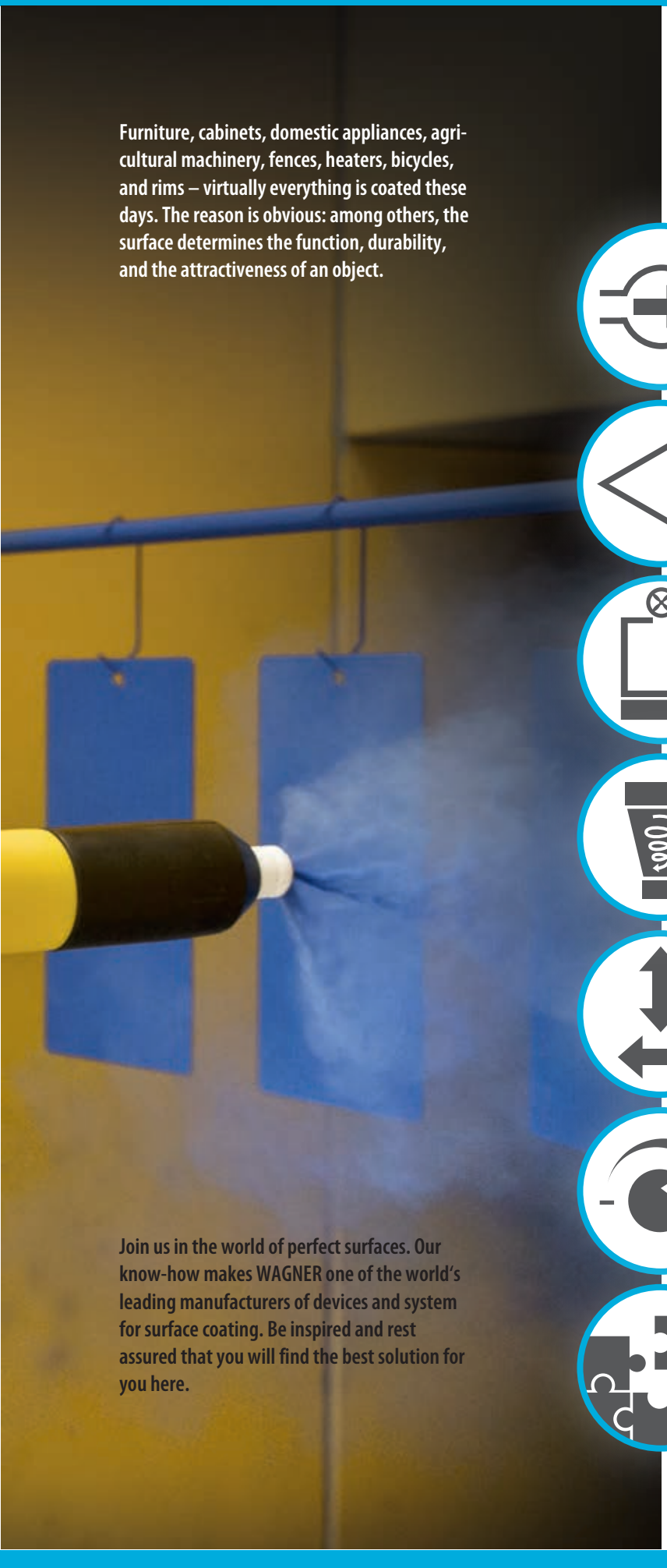
Industrial Solutions

Legend

Powder application

Experience fascinating su

Products from WAGNER Ind
for maximum reliability, qu
requirements.



Furniture, cabinets, domestic appliances, agricultural machinery, fences, heaters, bicycles, and rims – virtually everything is coated these days. The reason is obvious: among others, the surface determines the function, durability, and the attractiveness of an object.

Join us in the world of perfect surfaces. Our know-how makes WAGNER one of the world's leading manufacturers of devices and system for surface coating. Be inspired and rest assured that you will find the best solution for you here.

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We accept challenges.

WAGNER Industrial Solutions offers devices, equipment, and systems for all industrial surface coating applications. Our innovative products and solutions stand out due to their quality, efficiency and productivity.

As a market leading manufacturer of high tech systems, we offer components for the application of liquid and powder lacquers and paints to surfaces. As one of the few providers in this market we offer a complete product and technology range for the complete process sequence, starting with feeding the product, followed by mixing, moving and controlling to finishing the optimal application to the surface. Efficient use of resources, maximum quality and cost-effectiveness is our maxim - in every case!

WAGNER Development center

The modernly equipped WAGNER Development Center sets new standards for the development of products and solutions for the surface coating industry - be it for the first idea or the series production start. The WAGNER Development Center also ensures compliance with all national and international standards and regulation as part of the product development.

WAGNER Technology center

At our Markdorf site, WAGNER has a unique technology center with a floor space of more than 1,400 m^2 for liquid and powder coating. As well as using the center for our own product development and for training purposes, it is also available to product manufacturers and coaters, for them to work with WAGNER to develop process parameters and system configurations for optimum coating results.

WAGNER Service

Always near you - the WAGNER service network. WAGNER offers its customers a global service. At our locations you will always find the right contact person with an answer to all technical questions. We recommend regularly undertaking preventative checks and maintenance on your system. Various qualified and certified services (e.g. maintenance contracts, operational reliability checks) are available for this purpose.

WAGNER Distribution support

WAGNER has a large network of qualified distributors around the world. Depending on their specialization, they provide not just components and spare parts but also solutions and various user advice services. For information about your nearest WAGNER dealer, please visit our website http://www.wagner-group.com/en/service/service-for-industry/wagner-service-partners/

Are you interested in becoming an agent for WAGNER industrial products? We can offer you comprehensive support with a wide range of services to assist you:

- Extensive training, providing information on applications, products, and services in the WAGNER Academy
- Marketing support for trade fairs, events, and your media presence
- Technical advice to help you design optimum solutions
- Competent service to support products during use
- Web-based dealer information and the WAGNER dealer shop
- Friendly customer service for special orders and developments

Discover what is New at WAGNER.

Discover the new products and innovations for 2015!

Powder center

PXM

The new WAGNER PXM powder center is the powder supply centerpiece for a paint change system. The PXM is incredibly easy to operate on the touch screen, offers quick paint changes, and comprehensive individual configuration options.

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Automatic powder guns

PEA C4 & PEA C4 XL

The powder automatic guns PEA C4 and PEA C4 XL are now also available as FM-certified variants.

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Light blocks

CML 720

The new CML 720 light bars offer optimized workpiece recognition and flexible operating modes for adapting to the workpiece geometry.

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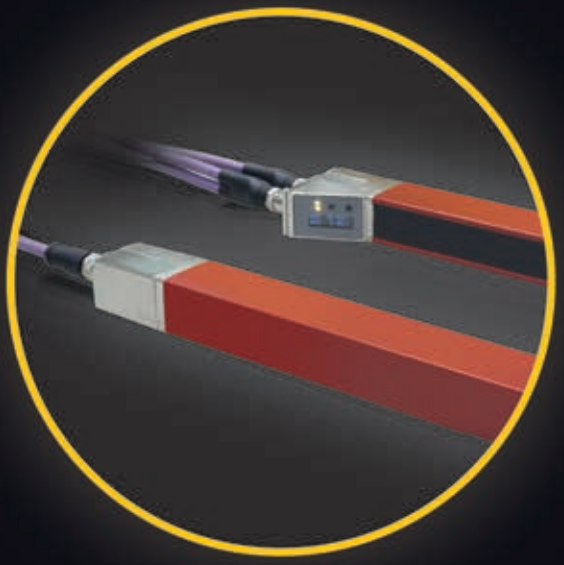
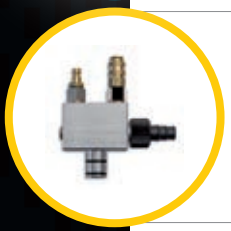


Maximum flexibility for efficient supply.

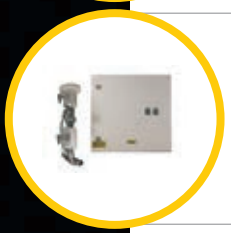
As the heart of the powder supply, the powder center ensures that the required quantity of powder is fed from the original container to each application area (e.g. guns). Regardless from which powder tank you feed the material, whether from the original container, drums, etc., our experts will assist you in selecting the right solution for your coating needs.

Feeding/preparation



Venturi feed 10

IP 5000 14



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Venturi feed

WAGNER powder injectors are based on the Venturi principle for the transport of the coating powder from a container to the gun. Here WAGNER uses suspension feeding to ensure a constant powder output without spitter. Suspension feeding allows also a highly flexible volume adjustment, which is a basic requirement for some applications. The powder volume is set by changing the supply or dosing air. Here the relevant WAGNER control units automatically set the right ratio between supply and doing air using the precision regulator. Thus the WAGNER injectors distinguish themselves by their easy operation and low maintenance. This ensures high process reliability for the user.

1. Easy operation and maintenance

The use of quick couplings and intuitive connecting elements ensures easy operation and maintenance.

2. High Surface quality

The use of conductive materials allows for the dissipation of interfering charges, which in turn ensures homogeneous surfaces.

3. Cost-effectiveness

The separately usable collector nozzle and its robust design ensure low wear part costs for the WAGNER Venturi feed.

4. Wide range of applications

A high output ranges allows for diverse applications and such ensures high degree of flexibility.

Standard injectors

Feed system for supplying powder to powder guns according to/ following the Venturi principle.

Technical data	
Max. delivery head	4,0 m, 13,1 ft
Max. feed line length	15 m, 49,2 ft
Feed line, inside Ø	10 – 12 mm, 0.4 – 0.5 in.

Special advantages

- High output range
  Wide range of applications
- Easy to operate and maintain
  No special training necessary
- Collector nozzle as a separate wear part
  Lower wear part costs
- Conductive hose sleeve
  Discharge of unwanted electric charge

Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Included Items

- Powder injector

Product variants	Art. No.	Price in €	PH 2
Powder injektor PI-P1	241621	-	-
Powder injektor PI-F1	241622	-	-
Powder injector PI-F1-S	2345418	-	-

HiCoat-ED feed system

Feed system for supplying powder to powder guns with little air according to the Venturi principle.

Technical data	
Max. delivery head	4,0 m, 13,1 ft
Max. feed line length	10 m, 32,8 ft
Feed line, inside Ø	8 – 10 mm, 0.3 – 0.4 in.

Special advantages

- Supplies powder using little air
  More even coating thickness
- Efficient material utilization
  Lower material consumption costs
- Better coating coverage in depressions
  Higher coating speed
- No pulsing of powder cloud
  Higher transfer efficiency

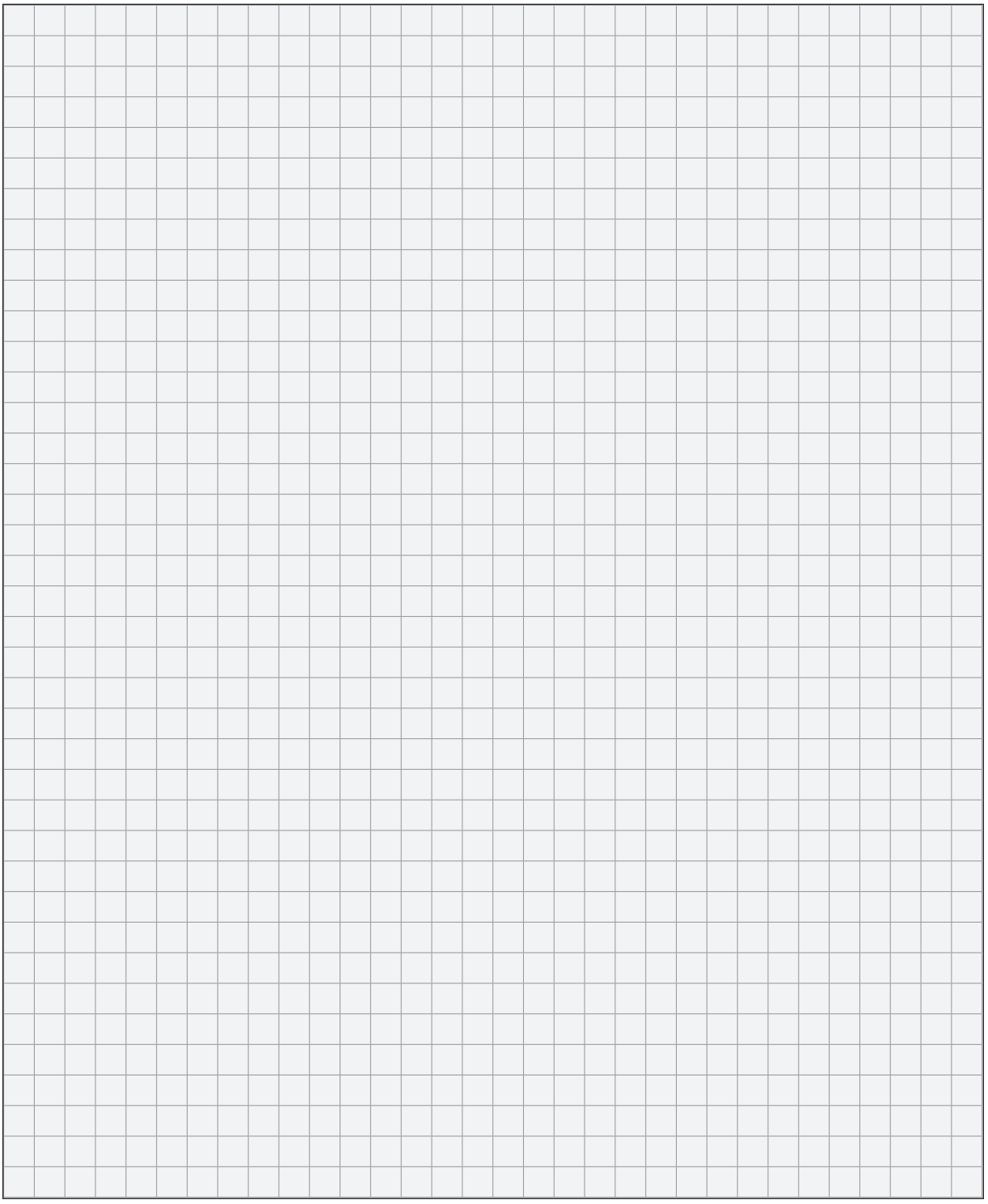
Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Included Items

- HiCoat-ED feed system

Product variants	Art. No.	Price in €	PH 2
HiCoat-ED pump-P	241623	-	-
HiCoat-ED pump-F	241624	-	-



IP 5000

The IP 5000 is a vacuum supported hose pump for intermediate dosing or feeding. It makes high feed rates with low air requirements and long feed distances of up to 50 meters easily possible. This new pump is suitable for all types of feeding options without restrictions for container sizes.

1. Rapid paint changes

Easy operation, all keys have a single function. The automatic cleaning program for suction and feed direction as well as the adjustable flushing function ensure a quick paint change.

2. Highest efficiency

Four preset and freely programmable recipes for flat and complex parts as well as for the post-coating avoid time-consuming manual adjustments of the electrostatics. The active service interval indicator displays the remaining running time and ensures optimum maintenance processes.

3. Reliability

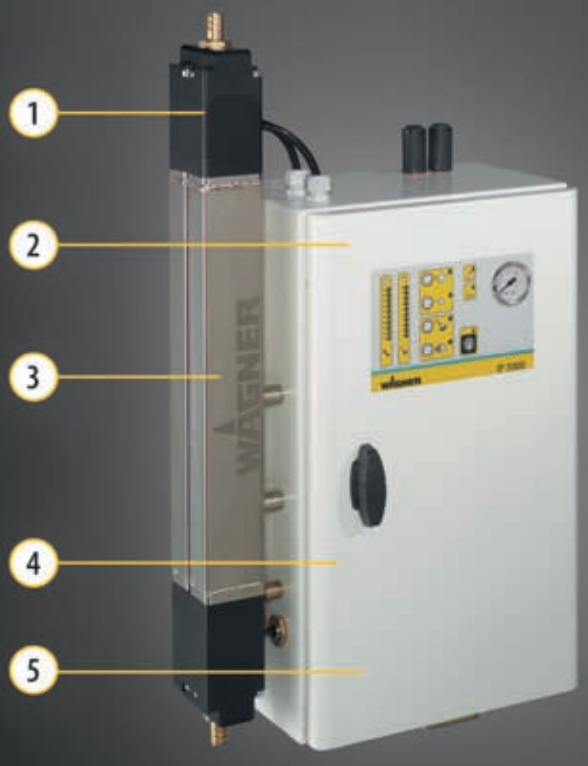
The pump allows for high flow rates with low air requirements. Long feed distances of up to 50 meters are easily possible.

4. High performance

The basis for the constant and above all high feed performance is the combination of vacuum and dense stream feed.

5. Flexibility

Feeding can be directly from the carton, from 200 l drums or from the Big Bag. The IP 5000 is also suited for the emptying of final filter tank and allows for any feeding between the powder storage locations to be integrated perfectly into the production process.



IP 5000

Feed system for the low-air feed of large quantities.

Technical data	
Valve control voltage	24 V
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Max. delivery head	5,0 m, 16,4 ft
Max. feed line length	50 m, 164,0 ft
Max. powder feed rate	5000 g/min, 11.0 lb/min

Special advantages

- High delivery rate of up to 5 kg/min
- Low-air feed system
  Minimal dust formation
- Service interval display
  No unscheduled interruptions in production
- Automatic flushing and cleaning programs
  Safe and rapid color change

Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Product variants	Art. No.	Price in €	PH 2
Powder pump IP5000	241004	-	-

Peristaltic feed system

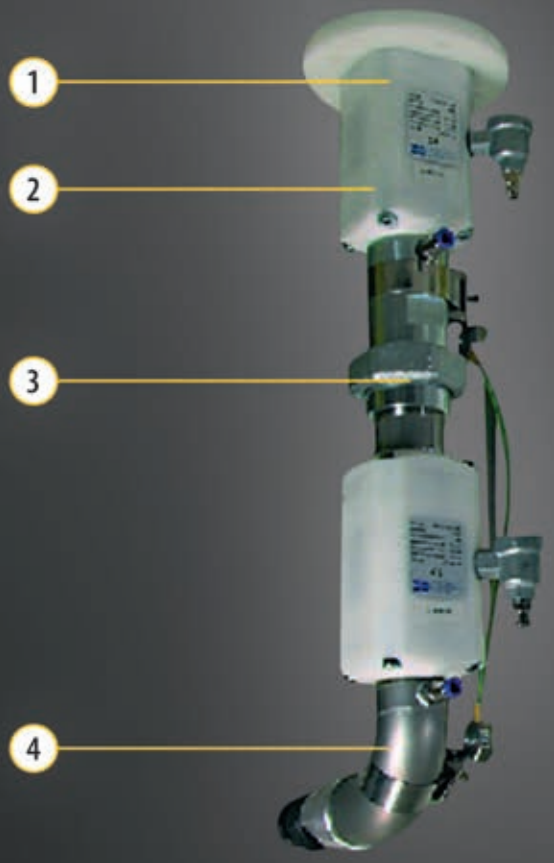
The peristaltic feed pump (also peristaltic feeder) is used for the intermediate feeding of coating powders using little air by means of alternating pinch valves. This is a passive system that is filled from above. A typical application is feeding powder recovered from a cyclone. The peristaltic feed pump includes a control that coordinates the alternating operation of the valves and thus the blow-out cycles. This system offers robustness and paint change reliability.

1. High Efficiency
The design of the feeder allows for large feed capacities with low investment costs.

2. Reliability
Robust technology ensures high availability and safety.

3. Optimal Maintenance
Low-wear feed technology ensures low maintenance.

4. Energy Efficiency
The low-air feeding with little formation of dust reduces energy costs.



Peristaltic conveyor system

The peristaltic conveyor system is used for the intermediate feeding of coating powders using little air by means of alternating pinch valves.

Technical data	
Input voltage	24 V
Input power	25 W
Protection class	IP 55
Air inlet pressure	0,6 MPa, 6,0 bar, 87 PSI
Max. delivery head	1,5 m, 4,9 ft
Max. feed line length	12 m, 39,4 ft
Max. powder feed rate	2000 g/min, 4.4 lb/min

Special advantages

- Feed requires little air
  Minimal dust formation
- Large delivery capacity
  Low investment costs
- Low-wear feed technology
  Low maintenance
- Robust engineering
  High availability

Included Items

- Peristaltic conveyor system with pinch valves
- Control cabinet with control unit

Product variants	Art. No.	Price in €	PH 2
Stopper conveyor system 1-fold straight	3145309	-	-
Stopper conveyor system 1-fold bent	3145301	-	-
Double peristaltic pump system, straight	3145534	-	-
Double peristaltic pump system 90°	3158995	-	-

PrimaCenter

The WAGNER PrimaCenter fulfills all requirements for the powder supply of a simple paint change system. Quick paint changes thanks to automated subprocesses reduce the system downtime significantly. The PrimaCenter convinces with its robust technology and easy operation. All components are visible and the functions can easily be checked. The compact design allows for the installation of this powder center into systems with limited available space and ensures the introduction of quick paint changes.

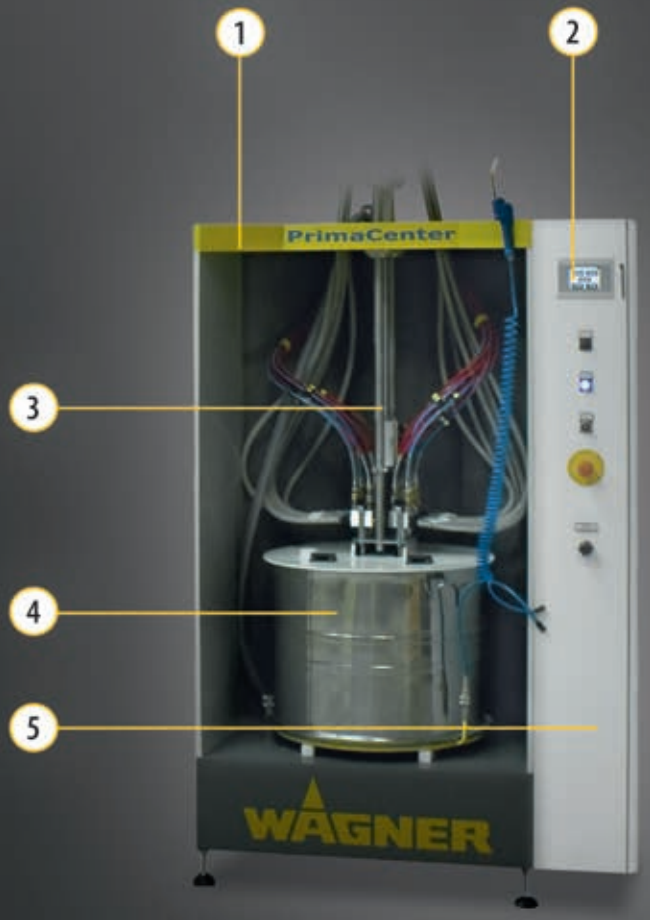
1. Compact design
Easy integration into new and existing systems.

2. Very easy operation
All processes are controlled using very few operating elements.

3. Pneumatic reciprocator
Easy and safe to operate. The automatic lifting and lowering of the powder injectors makes coating and paint changing processes easier.

4. Supply from fluid tanks.
The use of fluid tanks for powder preparation ensures an optimal flow rate and good atomization for the best coating results.

5. Integrated level sensor
Monitoring the filling level of the coating powder prevents faulty coating.



PrimaCenter stand-alone

The PrimaCenter stand-alone can accommodate up to 12 powder injectors. It is designed for the powder feed into the paint change system and permits a simple paint change through partially automated cleaning procedures.

Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm^3/h
Width	800 mm, 31.5 in.
Height	2216 mm, 87.2 in.
Depth	800 mm, 31.5 in.

Special advantages

- Robust, compact design
  Space-saving construction
- Delivery from the fluid container
  High-quality coating results
- No power connection required
- Few control elements
  Easy to operate

Included Items

- PrimaCenter case with attached controller.
- Pneumatic reciprocator with injector socket
- 12 suction systems; suction systems that are not required can be removed and used as spare parts.
- Spring-loaded weighing system for use as level sensor.
- Pneumatic slide for opening/closing the exhaust air connection.
- Without powder tank (3918797)

Ordering information

- Art.no. PrimaCenter stand-alone 2311500
- Order powder container separately (3918797).
- Use for connection to a secondary filter spiral hose (2312336).

Product variants	Art. No.	Price in €	PH 2
PrimaCenter stand-alone	2311500	-	-

PrimaCenter Integral

The PrimaCenter Integral can accommodate up to 12 powder injectors. It is designed for the powder supply in the paint change systems and ensures a simple paint change through partially automated cleaning procedures.

Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm^3/h
Width	800 mm, 31.5 in.
Height	2216 mm, 87.2 in.
Depth	800 mm, 31.5 in.

Special advantages

- Robust, compact design
  Space-saving construction
- Delivery from the fluid container
  High-quality coating results
- Electronic controller with 4" paint touchscreen
  Integratet application control in combination with EPG Sprint and moving devices VU, HU
- Icons and text
  Easy to operate

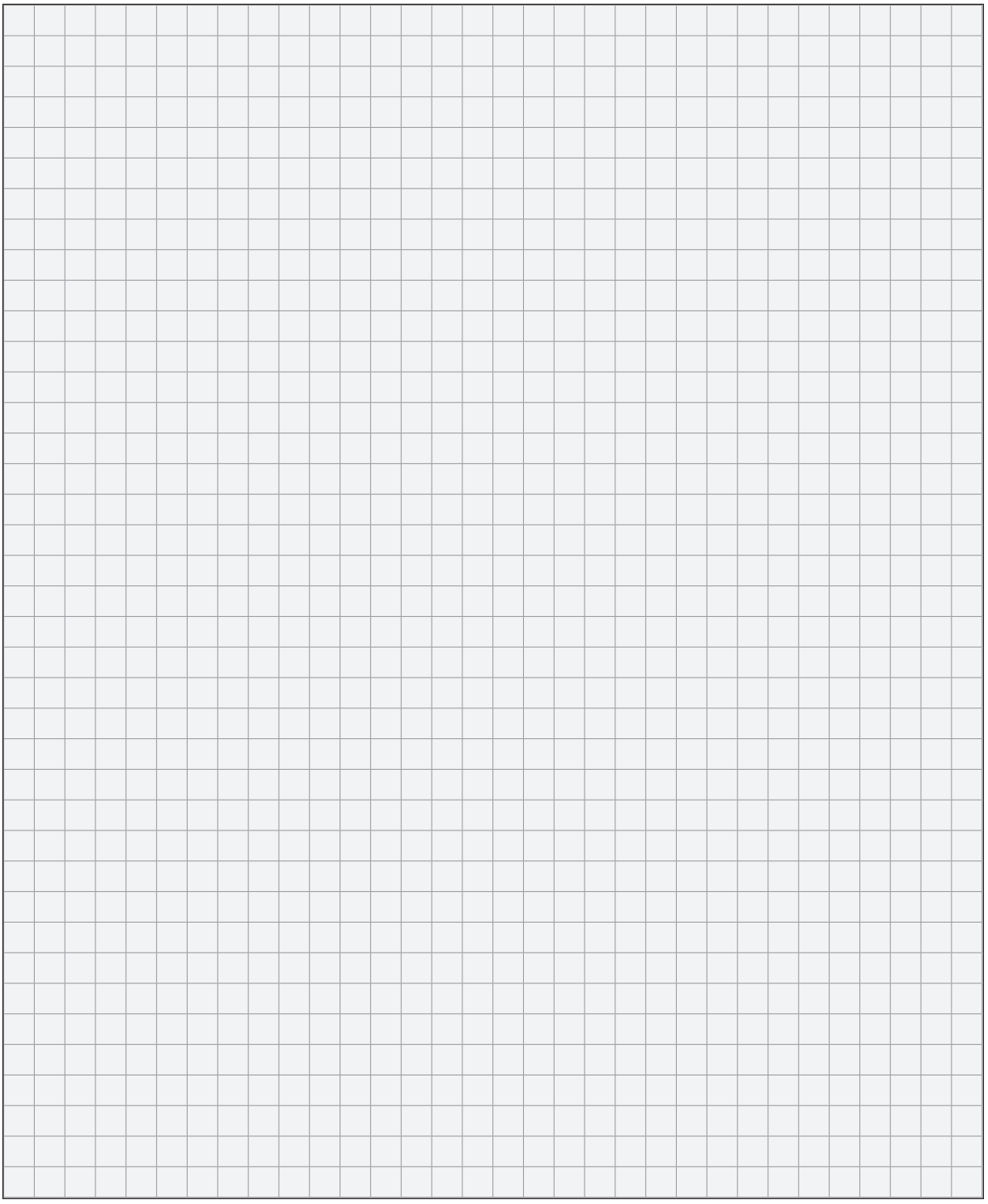
Included Items

- PrimaCenter case with attached controller.
- Pneumatic reciprocator with injector socket
- 12 suction systems; suction systems that are not required can be removed and used as spare parts.
- Spring-loaded weighing system for use as level sensor.
- Pneumatic slide for opening/closing the exhaust air connection.
- Without powder tank (3918797)
- Peristaltic feed pump controller

Ordering information

- Art.No. PrimaCenter Integral 2330014
- Order powder container separately (3918797).
- Use for connection to a secondary filter spiral hose (2312336).

Product variants	Art. No.	Price in €	PH 2
PrimaCenter integral	2330014	-	-



PXM powder center

The PXM powder center can be configured individually to customer requirements. Basic version up to 20/22 injectors, special version up to 34 injectors. Add-on modules such as filter extraction, EPG rack, box feeding, fresh powder supply and ultrasonic screen broaden the range of uses.

1. High overall feed performance
The PXM powder center enables a supply from the box with up to 20 powder injectors and from the fluid tank with up to 34 injectors.

2. User-friendliness
Touch-screen user interface for an easy and self-explanatory operation of all functions.

3. Flexibility
Separate vibration tables for circulation supply and fresh powder supply.

4. Rapid paint change
Integrated automatic impulse flushing modules ensure a quick paint change and thus low downtimes.

5. High performance
A constant infeed depth of the suction pipes allows for a constant powder output.

PXM powder center

NEW

The PXM powder center can be individually configured. A large field of application is possible thanks to feeding from box or fluid tank with up to 34 injectors, and add-on modules such as filter extraction, EPG rack, fresh powder supply and ultrasonic screen.

Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm^3/h

Special advantages

- 1. Different equipment packages available
  Individual configuration based on specific customer requirements
- Special components for the paint change
  Rapid paint change
- 7" touch screen with graphics
  Easy and quick to operate

Ordering information

- Anticipated availability: from March 2015
- Select from the various basic variants.
- Order accessories separately
- Box feed
- Fresh powder supply
- Ultrasonic screening
- Control expansion, BigBag fresh powder supply

Product variants	Art. No.	Price in €	PH 2
PXM 20/22 IF Stand-alone no filter	2350977	-	-
PXM 20/22 FF Stand-alone no filter	2350980	-	-

PXM injector set PI-F1

The injector set contains the powder injectors and connection parts. One set is needed for each gun. PI-F1 and HiCoat-ED could be combined.

Special advantages

- Various combinations possible
  Optimized application

Product variants	Art. No.	Price in €	PH 2
Injector set 1x PI-F1	2350981	-	-
Injector set 1x HiCoat-ED F	2350982	-	-

EPG S2 set

The EPG S2 set is needed to control the guns in combination with a master controller. One set is needed for two guns. It contains an EPG S2 and the connection cables needed.

Product variants	Art. No.	Price in €	PH 2
Set 1 x EPG S2	2350983	-	-

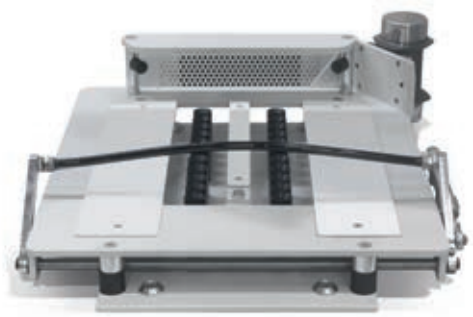
PXM rack EPG S2

The rack is needed to install the EPG S2 modules. Up to 11 EPG S2 can be installed.

Product variants	Art. No.	Price in €	PH 2
EPG Rack 1-11	2350984	-	-

Container/box vibration table

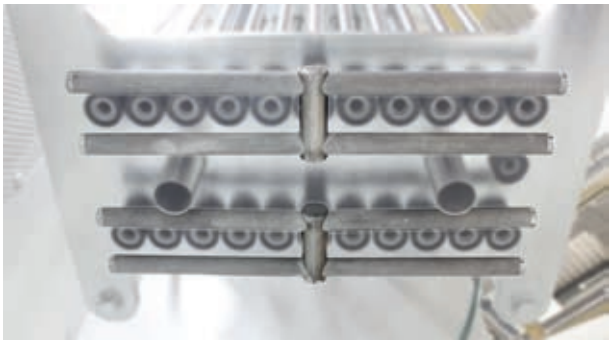
The vibration table can be used to vibrate the fluid container, but is always needed in conjunction with feeding from the box.



Product variants	Art. No.	Price in €	PH 2
Vibration table bin/box	2350987	-	-

Box fluidizing unit

The box fluidizing unit is needed to supply guns directly from the box. It takes up 2 injector spaces and therefore reduces the number of injectors to 20.



Product variants	Art. No.	Price in €	PH 2
Box fluid unity	2350988	-	-

Fresh powder supply box

The box fresh powder supply module allows fresh powder to be automatically supplied directly from the box with level control. The set includes vibration table, suction lance, IP5000 and cleaning fixture.

Product variants	Art. No.	Price in €	PH 2
Fresh powder feed	2350990	-	-

PXM ultrasonic screening unit

The ultrasonic screen unit developed for use in the PXM powder center makes a high screening performance possible. The open design ensures easy operation and paint change safety. The cool screening technology provides process safety.

Technical data	
Input voltage	100 – 240 V
Input frequency	50 – 60 Hz

Special advantages

- Compact integration in PXM
  Effective use of the space available
- High sieve performance
  No restrictions to the surface coverage of the system
- Integrated debris removal
  Achieve the highest coating quality

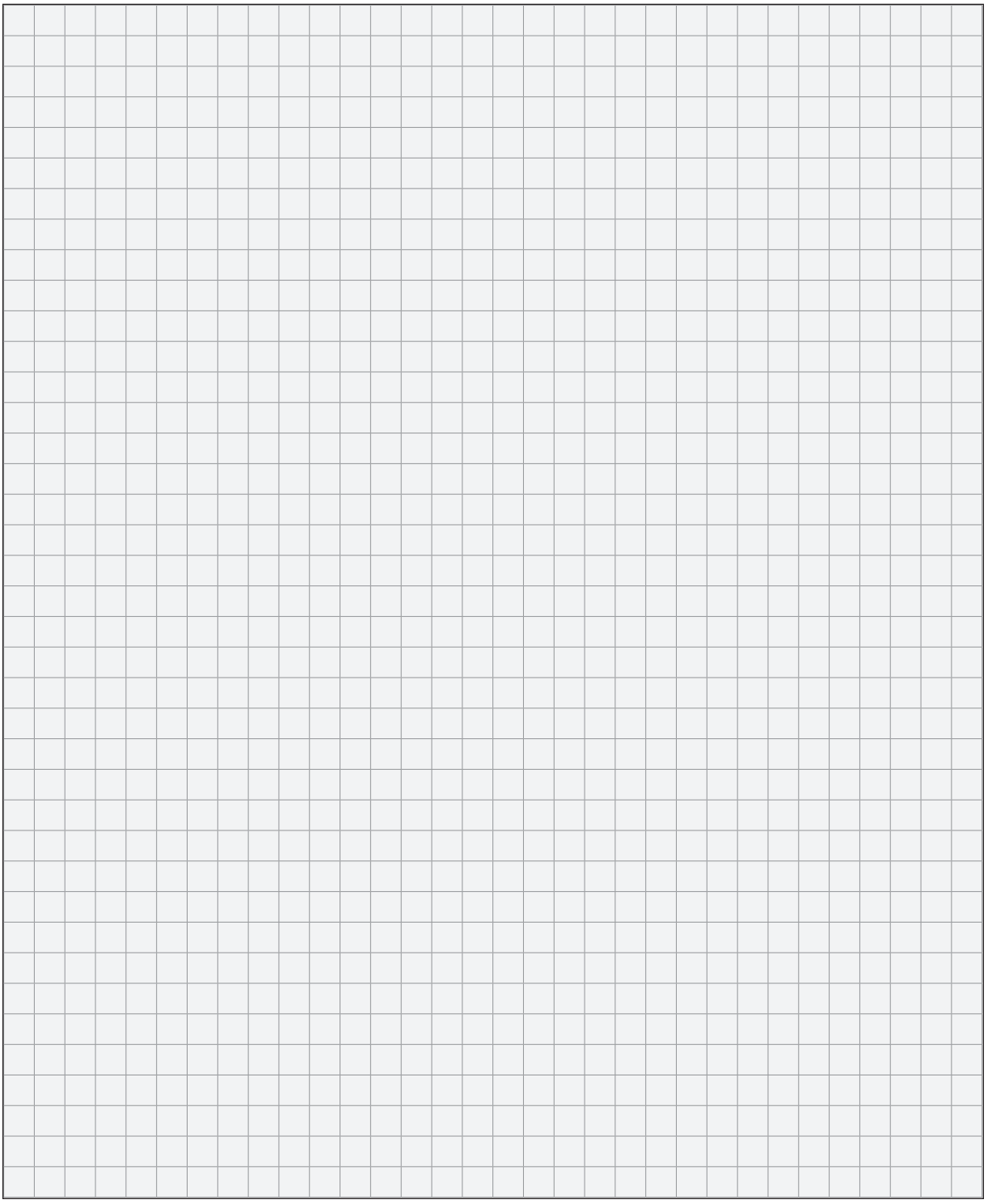
Processable materials

- Corona color powder
- Tribo color powder
- Common commercial metallic color powder

Ordering information

- Anticipated availability: from March 2015
- For installation in PXM powder center
- Including tensioned screening frame.
- The screening performance generally depends on the mesh size and powder. All mentioned powder flow details provided should be viewed as approximate values and cannot be guaranteed.

Product variants	Art. No.	Price in €	PH 2
Add-on set US-Sieve 350/160 for PXM	2352340	-	-
Add-on set US-Sieve 350/200 for PXM	2353306	-	-



SuperCenter

The SuperCenter is at the heart of the powder supply for any paint change system. It is designed for the supply of up to 22 spray guns. Feeding from a small fluid tank ensures an efficient powder usage at the highest quality requirements. Thanks to the integrated fresh powder supply an uninterrupted coating operation is ensured. The SuperCenter offers smart user guidance for coating and paint changes as well as the unique powder consumption recording feature. Various variants and accessories provide options to fulfill individual customer requirements. For the highest quality requirements an ultrasound sieve may be integrated. Thanks to the intelligent user guidance, quick paint change is reliable and reproducible.

1. 8“ Color Touchscreen
USB interface for downloading consumption data.

2. Fresh Powder Feed
with automatic cleaning station, pump positioned laterally.

3. Semi-automated
tank blow-out unit

4. Powder Injectors
with upward hose guide.

5. Automatic Carton Change System
Left: Empty carton, center: working position, right: new carton prepared.

6. Fluid Tank
with weighing device.

7. Suction Pipes
with cleaning system.

SuperCenter

The SuperCenter is a truly high tech powder supply unit for up to 22 guns. The integrated weighing technology not only the keeps the powder level constant, but measures the powder consumption at every paint change.

Special advantages

- Connection to the secondary filter
  No additional energy consumption
- Automated processes
  Operating safety and repeatability
- Detailed operator guidance when performing color changes
  Safe and reproducible paint change
- Powder consumption measurement and documentation
  Calculation basis and monitoring options

Included Items

- The housing opens to the front and comes with a roof luminaire, the supply area has transparent doors.
- Suction opening with pneumatic throttle valve for connection to a final filter.
- Mounting console for up to 22 powder injectors.
- Pneumatically powered reciprocator for the fluid tank.
- Various blow-out units for automated paint change.
- Scraper system for the suction pipes
- Integrated fresh powder supply unit IP 5000
- Powder level sensors for reclaimed powder and fresh powder
- Touch operating panel for coating, paint change and setup mode.
- Special operating mode for small batches

Ordering information

- SuperCenters are planned individually in the Wagner engineering departments.

Product variants	Art. No.	Price in €	PH 2
SuperCenter 6-fold, cpl. w/o Injector	2329419	-	-
SuperCenter 8-fold, cpl. w/o Injector	2329421	-	-
SuperCenter 9-fold, cpl. w/o Injector	2329422	-	-
SuperCenter 10-fold, cpl. w/o Injector	2329423	-	-
SuperCenter 11-fold, cpl. w/o Injector	2329424	-	-
SuperCenter 12-fold, cpl. w/o Injector	2329430	-	-
SuperCenter 13-fold, cpl. w/o Injector	2329432	-	-
SuperCenter 14-fold, cpl. w/o Injector	2329434	-	-
SuperCenter 15-fold, cpl. w/o Injector	2329435	-	-
SuperCenter 16-fold, cpl. w/o Injector	2329436	-	-
SuperCenter 17-fold, cpl. w/o Injector	2329437	-	-
SuperCenter 18-fold, cpl. w/o Injector	2329438	-	-
SuperCenter 19-fold, cpl. w/o Injector	2329439	-	-
SuperCenter 20-fold, cpl. w/o Injector	2325521	-	-
SuperCenter 21-fold, cpl. w/o Injector	2329440	-	-
SuperCenter 22-fold, cpl. w/o Injector	2328097	-	-

Ultrasound sieve unit SuperCenter

The ultrasound sieve unit was especially developed for use with the SuperCenter and ensures a high sieve performance. It is integrated in the cleaning process. The cool sieve technology provides process safety thanks to the reduction of the sieve heating risk.

Technical data	
Input voltage	100 – 240 V
Input frequency	50 – 60 Hz

Special advantages

- Compact integration in the SuperCenter
  No additional space requirements
- High sieve performance
  No restrictions to the surface coverage of the system
- Integrated debris removal
  Achieve the highest coating quality

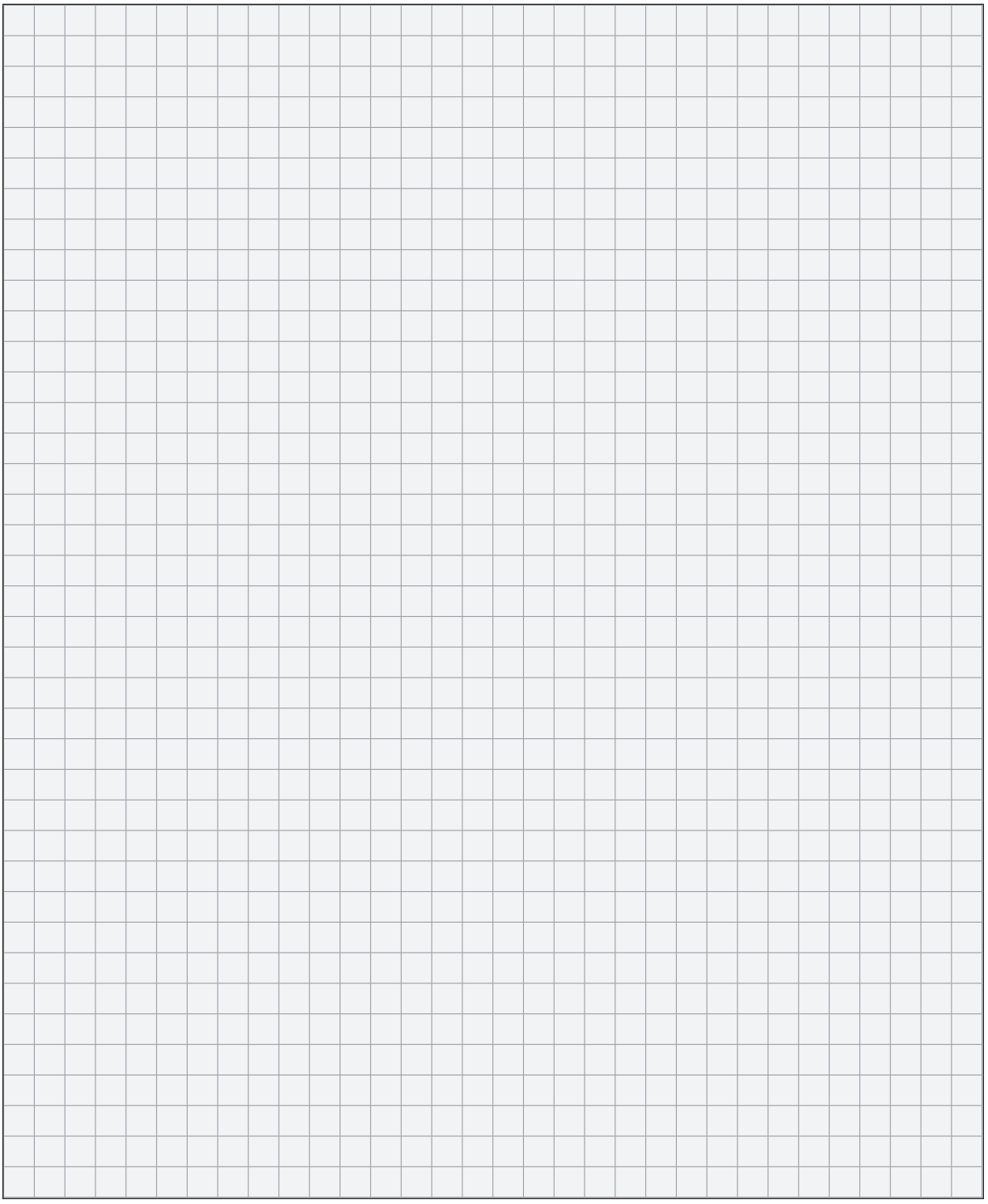
Processable materials

- Corona color powder
- Tribo color powder
- Common commercial metallic color powder

Ordering information

- For installation in SuperCenter starting in 2013
- Including sieve frame with sieve
- The sieve performance depends on the mesh size and powder in general. All mentioned powder flow information can only be seen as approximate values and can not be guaranteed.

Product variants	Art. No.	Price in €	PH 2
US-Sieving machine 350/200 for SuCe 2012	2335024	-	-
US-Sieving machine 350/160 for SuCe 2012	2335025	-	-
US-Sieving machine 350/400 for SuCe 2012	2335026	-	-



Basic powder center

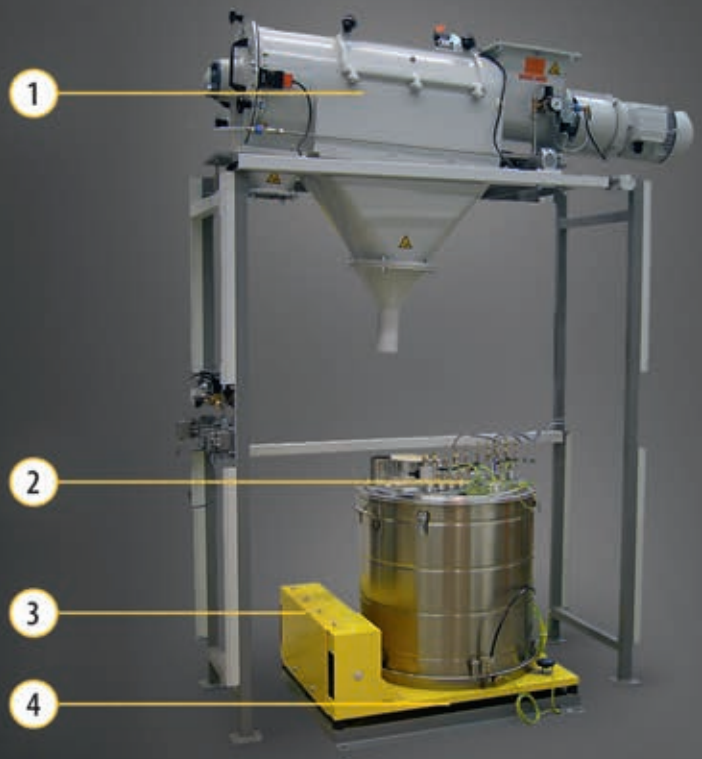
The basis powder center is primarily designed for the powder feeding in single-paint systems. It is available as a modular system with various stages of expansion. The basic configuration consists of a fluid tank with suction pipes as required for the number of guns to be supplied. Depending on the particular task, the system can be extended by adding the level sensor, vibration table and sieve equipment modules.

1. Excellent surface quality
The optional use of ultrasound or rotary sieves allows for an improved powder quality.

2. High feed capacity
The basis powder center ensure optimum supply of up to 12 powder injectors.

3. High performance
The fluidization of the complete tank content ensures an even powder feed.

4. Optimum coating quality
Optimal powder preparation using an optional vibration table ensures premium coating quality



Basic powder center

The powder center is available as a modular system with various stages of expansion. The basic configuration consists of a fluid tank with corresponding suction pipes. It can be individually expanded with other components.

Special advantages

- Powder container with up to 12 powder injectors
  Large delivery capacity
- Fluidized container
  Even powder delivery
- Optional vibration table
  Optimal powder preparation for premium coating quality
- Optional sieving equipment (ultrasonic or rotary sieve)
  Maximization of surface quality

Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Included Items

- Depending on the required functions:
- Fluidized container
- Pick-up tubes
- Level sensors min. and max.
- Vibration table
- Rotary sieve unit or ultrasonic sieve unit
- Fresh powder supply unit

Ordering information

- Basic powder centers will be individually designed to fulfil specific customer demands.
- The WAGNER engineering department will make an offer on request within a very short period of time.

Feeding/preparing accessories

Wagner offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

	PI-F1	HiCoat-ED F	IP 5000	Single peristaltic conveyor	Double peristaltic conveyor	PrimaCenter Integral	PXM powder center	SuperCenter	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit			
Container														
Powder Container PrimaCenter						●						3918797	-	
Powder Container cpl. KPZ/PXM							●					3304505	-	
Powder hopper SuperCentre with US-Sieve								●				3944635	-	
Powder hopper SuperCentre w/o US-sieve								●				3941206	-	
Powder hopper 120L for 12 pick-up tube									●			263097	-	
Powder hopper 120L w. cover									●			263098	-	
Connector, coupling														
Union with push in nipple	●	●										9992200	-	
Coupling union	●	●										9992711	-	
Hose adapter d9/d10 ET	●	●										390936	-	
Camlok socket part				●	●							3133830	-	
Adapter for hose d20, R1“ male thread				●	●							3146950	-	
Air hose														
Plastic tubing	●	●										9982063	-	
Hose PU 8/5,5 mm blue	●	●										9982062	-	
spiralhose PVC grey d150						●						2312326	-	
Powder hose														
Powder hose D10	●	●										2310699	-	
Powder hose D11	●											2307502	-	
Powder hose D12	●		●									2310700	-	
Powder hose D9		●										351794	-	
Powder hose D8		●										351798	-	
Powder hose D14 (sieving machine)			●									2312126	-	
Spiral coiled tube				●	●							3147211	-	
Measurement tools														
Check bolt collector nozzle	●	●										241929	-	
Fixture														
Mountingset IP5000			●									241550	-	
Park station			●									241565	-	
Pump frame IP5000			●									3313075	-	
Schlauchklemme			●									3304988	-	
Hose-holder 18-20			●									9987135	-	
Hose clip				●	●							9990410	-	
Tubeclamp						●						2312576	-	
Flange for Levelcontrol complete									●			3131985	-	

Feeding/preparing accessories

Wagner offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

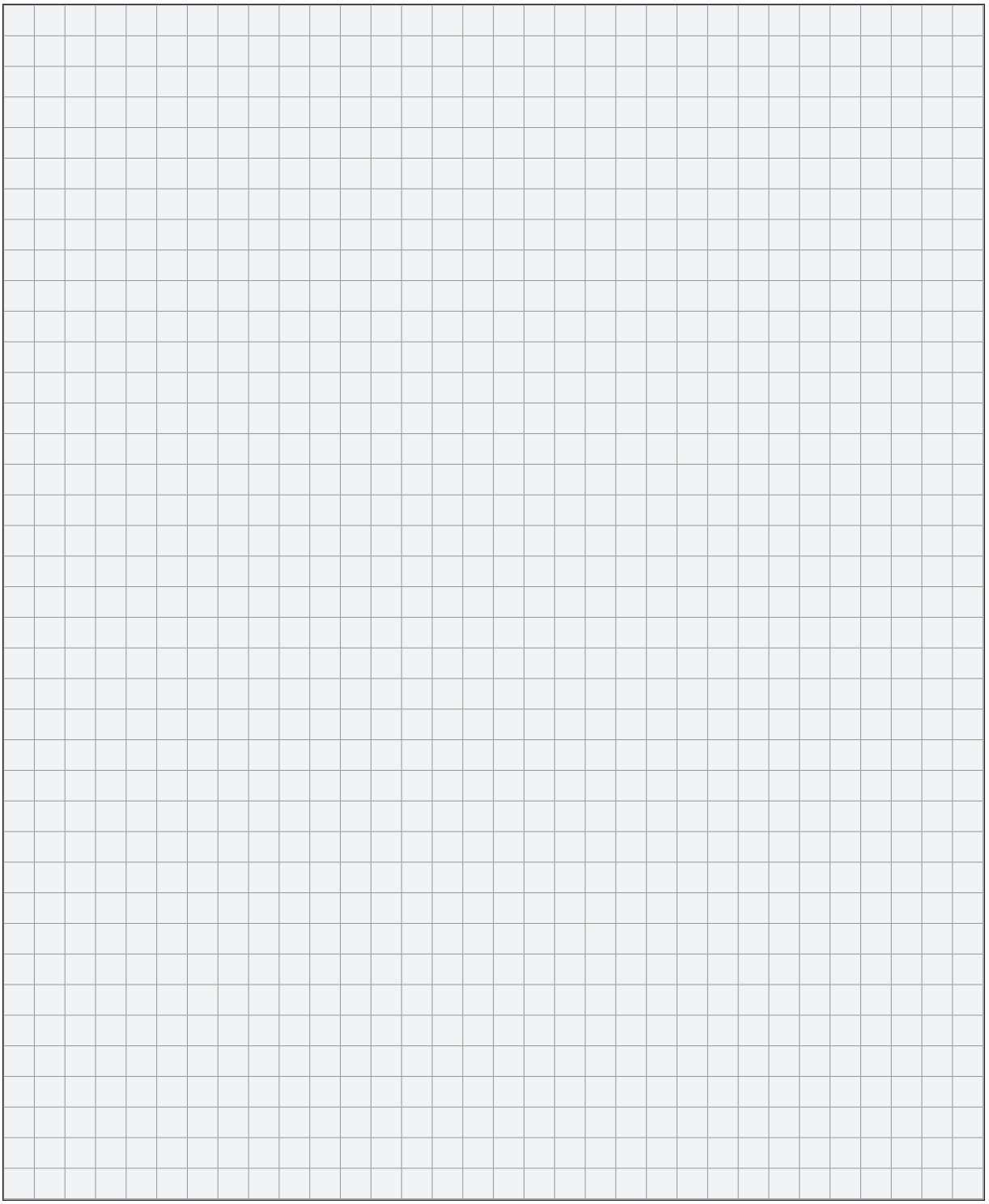
	PI-F1	HiCoat-ED F	IP 5000	Single peristaltic conveyor	Double peristaltic conveyor	PrimaCenter Integral	PXM powder center	SuperCenter	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit			
Pick-up system														
SUCTION UNIT IP 5000 ASSY.			●									265110	-	
SUCTION LANCE SN600/14			●									2301550	-	
Suction unit sn1500/14			●									2301548	-	
Injector socket set 4x									●			263630	-	
Injector socket set-4x 80mm									●			2315713	-	
Injector socket set-1									●			263629	-	
Suction tube 120									●			263631	-	
Blow-out system														
Cleaningbox			●									241570	-	
Blind injector									●			701452	-	
Assembly														
Thread adapter			●									2301253	-	
Power cable														
Cable 12 polig			●									9956263	-	
Sonsor														
Level probe assy. 330 mm									●			3149089	-	
Level probe assy. 665mm									●			3151891	-	
Accessories														
Reduction sleeve d10	●	●				●	●	●	●			241580	-	
Flat seal	●	●				●	●	●	●			241581	-	
Venturi nozzle	●											241225	-	
Injektor nozzle sd	●											241923	-	
Venturi nozzle HICOAT-ED		●										241229	-	
Nozzle HICOAT-ED		●										241930	-	
Service kit IP5000 Pump hose			●									2312057	-	
Service kit IP5000 Valve hose			●									2312058	-	
Inlet valve hose adapter			●									2301442	-	
Hose flange outlet valve			●									241486	-	
Hose sleeve				●	●							3144058	-	
Quick bleed valve assy.				●	●							3102576	-	
back-pressure valve				●	●							3136837	-	
PVC cover for tank 120 l no filter							●					2350986	-	
PVC cover for box no filter							●					2350989	-	
Cabinet for peristaltic pump							●					2341584	-	
Generator DGS35-50-S-A							●	●		●	●	2334267	-	
Converter C35-S w/o bolt							●	●		●	●	2334269	-	
HF cable for C35-SD-8							●	●		●	●	2334271	-	

Feeding/preparing accessories

Wagner offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

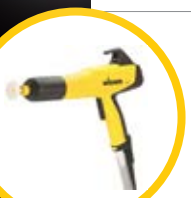
	PI-F1	HiCoat-ED F	IP 5000	Single peristaltic conveyor	Double peristaltic conveyor	PrimaCenter Integral	PXM powder center	SuperCenter	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit			
Accessories														
Titanium bolt M10/M8x25mm							●	●		●	●	2335520	-	
Sieveframe 350/400 premounted							●	●		●		2339366	-	
Sieveframe 350/200 premounted								●		●		2338450	-	
Sieveframe 350/160 premounted										●		2338451	-	
Holder for feed hopper							●	●		●	●	2332165	-	
Trolley for container 120l									●			263638	-	



Perfect Handling
for optimal surfaces.

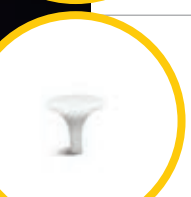
WAGNER application units are in use around the world and enable optimal coating results for all surface types. The new gun generation achieves greater efficiency and perfection, both in manual and in automatic coating applications. The WAGNER manual units are the result of continuous development efforts for greater performance. Thanks to their user-friendly design, the devices are easy and faster to work with.

Applying



Manual application systems 44

Automatic application systems 54



Accessories 59

Manual application systems

Manual guns set new standards and trends for all kind of surfaces in modern powder coating. With the new gun generation maximum efficiency and perfection may be achieved - the product philosophy creates a completely balanced refinement and offers the longest service life plus optimum handling.

1. Highest Flexibility

The great accessories selection (nozzles, extensions, hoses, etc.) allows for a diverse range of applications.

2. Hightest Efficiency

WAGNER Air Flow Control (AFC) ensures optimum powder control and efficient coating processes.

3. Design and User Friendliness

The optimal arrangement of the user elements as well as the functional and elegant design allow for intuitive gun handling.

4. Perfect Handling

WAGNER manual guns are balanced to the final gram and ensure flexible and fatigue-free operation.

PEM-X1 Corona manual gun

The PEM-X 1 combines balance, maximum service life and optimum handling perfectly. Perfectly balanced ergonomics ensure flexible and fatigue-free operation. WAGNER combines first-class design and functionality to achieve a perfect surface.

Technical data	
Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 64
Air inlet pressure	0,3 MPa, 3,0 bar, 44 PSI
Max. powder output	450 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	0,5 kg, 1.1 lb

Special advantages

- Very light gun (490g)
  Despite its light weight, the gun is impressive due to its robust design and ergonomic working without tiring
- Homogeneous and stable powder cloud
  Even layer thickness distribution
- Optimally balanced
  Perfect grip in every situation due to a gun that is balanced down to the last gram
- Quick-release coupling for the powder hose
  makes the paint change easier und quicker

Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- Circular sprayer or flat sprayer nozzle system
- Connection cable 6m
- Sprayer air hose
- Wedge changing tool
- Printed user manual

Product variants	Art. No.	Price in €	PH 2
Manual Spray Gun PEM-X1	2322587	-	-
Manual Spray Gun PEM-X1 R	2335844	-	-

Cup-gun PEM-X1 CG

The simple handling and perfect ergonomics of WAGNER cup guns make them ideal for lab and development purposes and for powder coating individual items and very small quantities.

Technical data	
Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 64
Air inlet pressure	0,3 MPa, 3,0 bar, 44 PSI
Max. powder output	200 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	0,6 kg, 1.2 lb

Special advantages

- Simple plug-in principle for the cup
  Short and safe paint change times of approximately 15 seconds.
- Funnel beaker with special geometry
  The different slope angles ensure constant flow even with difficult powder types
- Integrated Venturi feeding principle
  Very fine and constantly homogeneous dosage dispensing of the powder quantity
- The coating parameters are set via the control module
  All coating-relevant parameters are saved and accessed via the fully electronic control module

Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- Gun cable 4m
- Wedge tool
- Funnel beaker with cover

Product variants	Art. No.	Price in €	PH 2
Airmatic cup-gun PEM-X1 CG	2322588	-	-

Tribo hand guns

Tribo manual guns are designed for processing Tribo powders. They offer an excellent loading system, great ergonomics and are very light.

Technical data	
Polarity	Positive
Protection class	IP 54

Special advantages

- Very lightweight gun
  Fatigue-free working over long periods
- Charging body can be dismantled
  Low wear part costs because high wear zones can be replaced separately
- Round spray nozzle and fan spray nozzle included
  Greater flexibility to master any coating task
- Easy-to-replace wear parts
  Low maintenance

Processable materials

- Tribo powder

Controller

- Individual control unit

Product variants	Art. No.	Price in €	PH 2
Manual gun PEM-T3	351019	-	-
Tribo cup-gun PEM-CG3	351036	-	-

Manual application systems

The new SPRINT manual system combines a functional and elegant design with comprehensive functionality. All parameters are divided into four functional sections and are entered at the EPG-Sprint X control unit using a central dynamic control dial. Its unique cascade characteristic curve settings together with its Tribo compatibility offer maximum flexibility for each and every powder. In combination with the new manual gun PEM-X1 this manual system delivers excellent coating results.

1. Intuitive User Guidance

The optimal arrangement of the operating elements and functions as well as the unique adjustment of recipes allow for intuitive device handling. Advanced user functions allow you to store up to 50 coating recipes and to adjust many other parameters individually.

2. Rapid Paint Changes

A pre-programmed key, the suction lance positioning as well and the quick connector for the powder hose ensure a quick and safe paint change.

3. Modern Design

The new SPRINT manual system convinces with its easy and modern design. It provides the perfect solution for optimum manual coating, thanks to its robust and reliable quality.

4. Highest Flexibility

The carton device can be transformed into a tank version in a few simple steps. With various powder hoses and different injectors the SPRINT manual system can easily be adapted to your requirements.

Manual system Sprint Airfluid

Using the Sprint Airfluid allows you to work directly out of the carton. Ideal for small batches and frequent paint changes. All parameters are set and saved via the EPG-Sprint X. In combination with the PEM-X 1, perfect surfaces are achieved.

Technical data	
Input voltage	85 – 250 V
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	G 1/4" i
Exhaust air flow	0,05 – 20,0 Nm^3/h
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	38,0 kg, 83.8 lb

Special advantages

- Corona manual gun with an air-flushed high-performance cascade
  Constant and reliable coating performance
- Control unit with a regulated air volume cycle.
  A constant compressed air quantity despite fluctuations in the mains
- Fully electronic control unit for reproducible results
  Saving and accessing up to 50 coating programs
- Diagonal position of the powder container
  Powder carton is almost completely emptied

Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- Corona manual gun PEM-X1
- Control device EPG-Sprint X
- Injector PI-F1
- Suction lance with fluid cap
- Device cart with vibrating table
- Powder hose 5m (Ø 11mm)
- Mains cable 3m
- Grounding cable 10m
- Connection hose

Product variants	Art. No.	Price in €	PH 2
Manual Unit Sprint Airfluid	2329483	-	-
Manual Unit Sprint AF USA	2329487	-	-

Manual system Sprint 60 l

The Sprint 60L is used to fluidize the powder in a 60 liter stainless steel tank. All coating parameters are set and saved using the control unit EPG-Sprint X . In combination with the PEM-X 1, perfect surfaces are achieved.

Technical data	
Input voltage	85 – 250 V
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	G 1/4" i
Exhaust air flow	0,05 – 20,0 Nm^3/h
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	38,0 kg, 83.8 lb

Special advantages

- Corona manual gun with an air-flushed high-performance cascade
  Constant and reliable coating performance
- Fully fluidized stainless steel container
  Optimal powder preparation for high quality requirements
- Clear and user-friendly operating interface
  For quickly and easily adjusting the coating parameters
- Up to 50 coating recipes can be saved
  Ideal for many color and object changes

Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- Corona manual gun PEM-X1
- Control device EPG-Sprint X
- Injector PI-F1
- Device cart (optional with a vibrating table)
- Powder hose 5m (Ø 11mm)
- Mains cable 3m
- Grounding cable 10m
- Connection hose
- Different stainless steel containers (sold separately)

Product variants	Art. No.	Price in €	PH 2
Powder Manual Unit SPRINT 60L	2329489	-	-
Manual Unit Sprint 60L USA	2329491	-	-

Cup gun case set

This set is a ready to use coating device. With air pressure and power supply the device is ready to start powder coating. An ideal solution for small parts and mobile use with excellent coating results.

Technical data	
Input voltage	85 – 250 V
Valve control voltage	24 V
Input power	25 W
Input frequency	47 – 440 Hz
Polarity	negative
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	8 mm
Max. powder output	200 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	10,0 kg, 22.1 lb

Special advantages

- Compact, mobile, and always ready to use
  A compact and very organized case set for mobile use.
- Perfectly balanced gun
  A secure grip on the gun that is easy on the joints in every situation
- Fully electronic control module
  Store and query complete coating recipes
- Special funnel beaker
  Thanks to various inclination angles virtually any powder type flows out until completely used up.

Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- Cup gun PEM-X1 CG
- Flat spray nozzle system
- Circular spray nozzle system
- Gun cable, 4m
- Mains cable
- Air hose package, 4m
- Control device EPG-Sprint X
- Check valves
- Wedge tool
- Funnel beaker with cover, 210 ccm
- Operating manuals (printed)

Product variants	Art. No.	Price in €	PH 2
CupGun Set PEM-X1 CG	2328172	-	-

Powder set/Spraypack manual

The set consists of the central components for the installation of a powder coating system. A manual gun, a gun control unit, an injector, and a connection hose set ensure high-quality coating results.

Technical data	
Input voltage	85 – 250 V
Input power	40 W
Input frequency	47 – 440 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	8 mm
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	8,9 kg, 19.6 lb

Special advantages

- Corona manual gun with an air-flushed high-performance cascade
  Constant and reliable coating performance
- Ergonomic and perfectly balanced gun
  Continuous, pleasant working without tiring with a gun that only weighs 490 g
- Control unit with a regulated air volume cycle.
  A constant compressed air quantity despite fluctuations in the mains
- Fully electronic control module for repeatable results
  Saving and accessing up to 50 coating programs

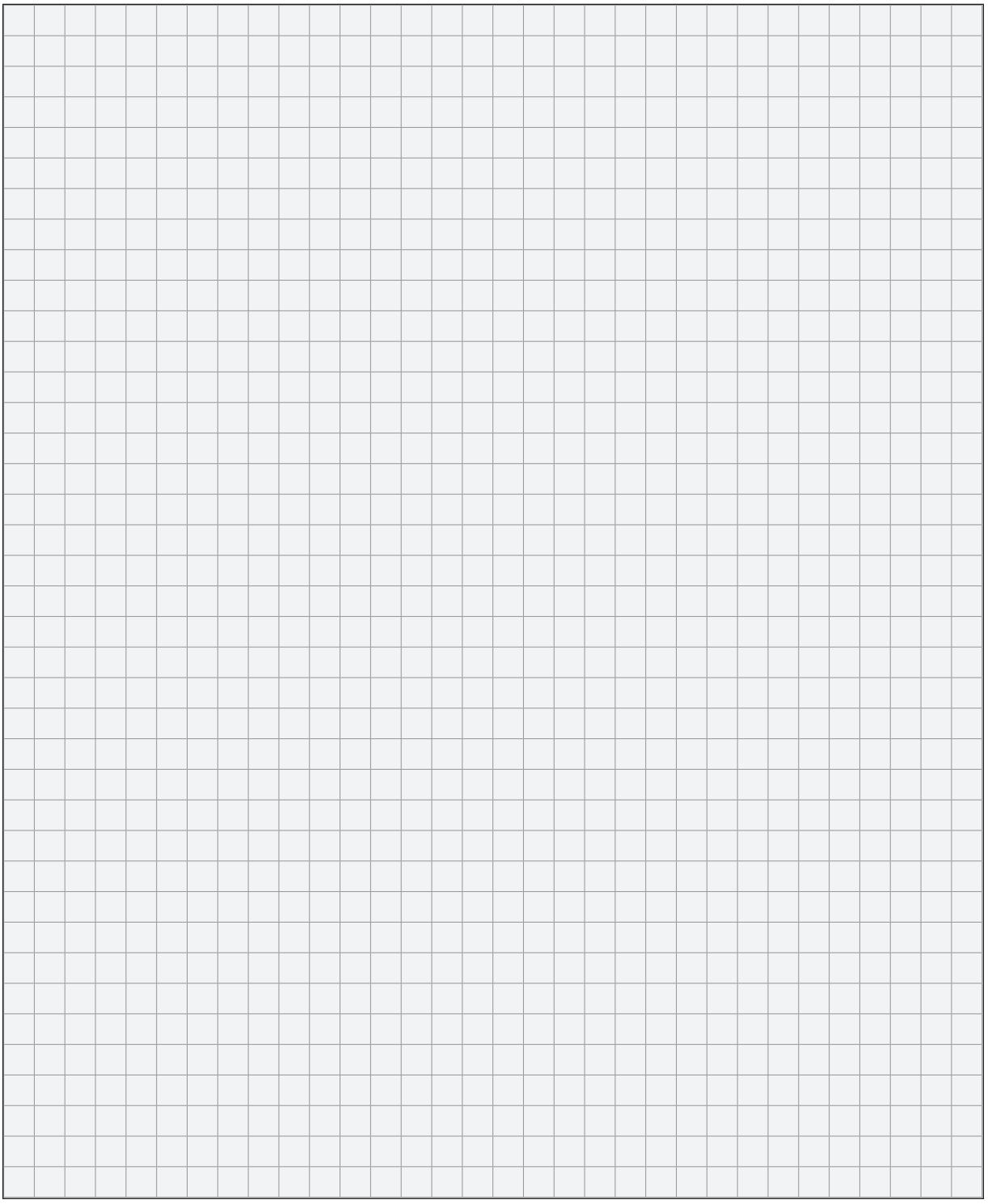
Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

Included Items

- PEM-X1 Corona manual gun
- Flat or round jet nozzle package
- Control unit EPG Sprint X
- Power cable 3m
- Injector PI-F1
- Connection hoses
- Powder hose 5m (Ø 11mm)
- Ground cable 10 m
- Recipe sticker
- The gun and the control unit's printed OM

Product variants	Art. No.	Price in €	PH 2
PrimaSprint manual set F incl. console	2313689	-	-
PrimaSprint manual set R incl. console	2313687	-	-
Powder set PEM X1	2331090	-	-
Powder set PEM-X1 R	2335845	-	-



Automatic application systems

Two types of WAGNER HiCoat automatic guns are available. The compact variant is designed for universal application. The XL variant was conceived specifically for paint change systems and is characterized by its streamlined design. Both guns are constructed for high coating output, high efficiency and a long service life. The high-performance HiCoat charging and atomization system can achieve perfect work piece surfaces combined with optimal material utilization.

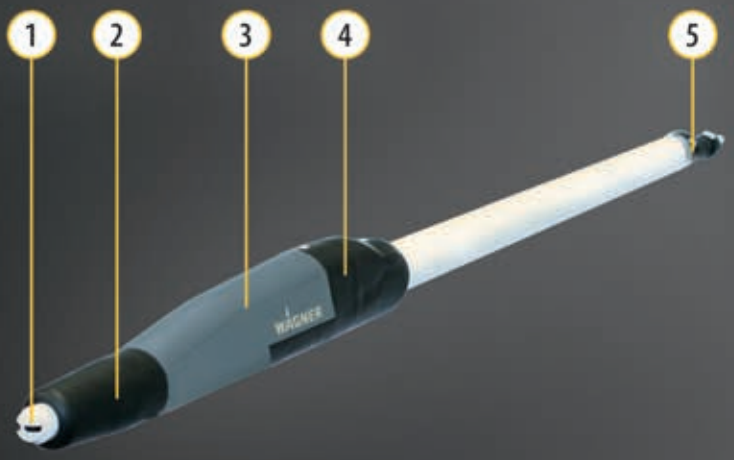
1. Flexible Applications
The use of various nozzles allows for diverse applications of the automatic guns.

2. Quick Nozzle Change
The Quick Lock ensures a secure hold of the gun and allows for a quick nozzle change.

3. Maximum Application Efficiency
The use of the high-performance cascade offers maximum application efficiency and reduced powder consumption.

4. Optimum Geometry
The streamlined geometry ensures efficient automatic blowing-off during the automated paint change.

5. User Friendliness
The use of quick couplings ensures an easy hose change.



Corona automatic guns

Corona automatic guns for automatic powder coating.

Technical data	
Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 54

Special advantages

- Classification according to ignition energy class A
  Simple and inexpensive fire protection concept is adequate

Processable materials

- Corona powder
- Commercially available metallic powders

Controller

- PrimaTech-CCM
- ProfiTech

Included Items

- Gun
- Nozzle set
- Nozzle tool

Product variants	Art. No.	Price in €	PH 2
PEA-C4	390004	-	-
PEA-C4 Enamel	390011	-	-
PEA-C4 FM	390016	-	-
PEA-C4XL 1,1	390006	-	-
PEA-C4XL 1.4	390007	-	-
PEA-C4XL 1.8	390008	-	-
PEA-C4XL 1.1 FM	390018	-	-
PEA-C4XL 1.4 FM	390019	-	-
PEA-C4XL 1.8 FM	390020	-	-
PEA-C4 Twin	390010	-	-

NEW

Tribo automatic guns

Tribo automatic guns for automatic powder coating.

Technical data	
Polarity	Positive
Protection class	IP 54

Special advantages

- Processes conventional powder types and metallic powders (if suitable for Tribo) Wide range of applications
- Charging body with multiple swirl stars Optimization of frictional charge over a broad range
- Tribo air for adjusting the charge Individual tuning of each gun to the particular application and powder

Processable materials

- Tribo powder

Controller

- Individual control unit
- Control cabinet module

Included Items

- Gun body assy.
- Nozzle system not included

Product variants	Art. No.	Price in €	PH 2
PEA-T3	351018	-	-
PEA-T3XL 1.4	351029	-	-
PEA-T3XL 1.1	351030	-	-

Powder set/Spraypack automatic

Powder sets consist of the core components of application equipment, namely a control unit, guns, feed system and connection components.

Product variants	Art. No.	Price in €	PH 2
Powder set Sprint Corana Automatic	2305139	-	-
Powder set Sprint Tribo Automatic	2305140	-	-

High-voltage tester

High-voltage tester for measuring high voltage, for example of a gun.

Technical data	
Protection class	IP 54

Product variants	Art. No.	Price in €	PH 2
HV tester HV200 N	259010	-	-

Application accessories

Wagner offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

Nozzle systems	PEM-X1 Corona manual gun	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid	Manual system Sprint 60 l	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T			
Nozzle Extension X1 EXT150	●	●										●			2323366	-	
Nozzle Extension X1 EXT300	●	●										●			2323356	-	
Nozzle Extension X1 EXT500	●	●										●			2323338	-	
Electrode Holder X1 F	●	●										●			2322529	-	
Flat Spray Nozzle X1 assy	●	●										●			2321976	-	
Electrode Holder X1 R	●	●										●			2322490	-	
Deflector cone sleeve X1	●	●										●			2320503	-	
Deflector Cone D18 assy	●	●										●			2321981	-	
Deflector cone D25 assy	●	●										●			2321980	-	
Deflector Cone D34 assy	●	●										●			2321171	-	
Electrode Holder with Round Nozzles X1	●	●										●			2322493	-	
Round Nozzle Package X1 VL	●	●										●			2324148	-	
Flat Spray Nozzle X1 VL	●	●										●			2324147	-	
Deflector cone D22			●							●	●				259474	-	
Deflector cone D28			●							●	●				259475	-	
Wide Fan Spray Nozzle			●							●	●			●	260926	-	
Nozzle Extension 300			●												260934	-	
ELECTRODE HOLDER C4 F							●	●	●				●		390915	-	
ELECTRODE HOLDER C4 R ET							●	●	●				●		390916	-	
Fan Spray Nozzle F1							●	●	●				●		390324	-	
Fan Spray Nozzle F2							●	●	●				●		390325	-	
Fan Spray Nozzle F3							●	●	●				●		390326	-	
Fan Spray Nozzle F4							●	●	●				●		2311889	-	
Nozzle HP01							●	●					●		390331	-	
Deflector cone C4 D20							●	●	●				●		390207	-	
Deflector cone C4 D28							●								390208	-	
Deflector cone C4 D38							●								390209	-	
ANGLE ADAPTER WA90 C4							●	●	●				●		390931	-	
ANGLE ADAPTER WA60 C4							●	●	●				●		390930	-	
ANGLE ADAPTER WA30 C4							●	●	●				●		390927	-	
Angled nozzle 90° assy										●	●			●	260106	-	
Tribolance 1700										●	●			●	259272	-	
Deflector cone assy.D18 Tribo										●	●			●	260267	-	
Deflector cone assy.D25 Tribo										●	●			●	260266	-	
Deflector cone assy.D32 Tribo										●	●			●	260268	-	
Split tip Tribo										●	●			●	260928	-	
Finger nozzle 10x										●	●			●	260638	-	
Finger nozzle 10x crosswise serration										●	●			●	260641	-	
Finger nozzle 16x										●	●			●	260637	-	
Finger Nozzle 16x crosswise										●	●			●	260642	-	
Adapter finger nozzle 10-fach										●	●			●	260639	-	

Application accessories

Wagner offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

	PEM-X1 Corona manual gun	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid	Manual system Sprint 60 I	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T			
Nozzule systems																	
Adapter 16 finger nozzle										●	●			●	260648	-	
Nozzle D10										●	●			●	260518	-	
Nozzle D8										●	●			●	260519	-	
Round Nozzle										●	●			●	260505	-	
Powder shower										●	●			●	260504	-	
Container																	
Powder Cup X1 210 ccm		●			●										2324139	-	
Powder Container 60 L without Injector				●	●										264268	-	
Powder container 25 L				●	●										264006	-	
Powder container 60 L				●	●										263089	-	
Powderbox 3L assy.				●	●							●			2304157	-	
5 Powder Cups X1 210 ccm					●										2324140	-	
Connector, coupling																	
Hose Connector Assy D8-D10	●											●			2322768	-	
Hose Connector Assy D10-D12	●											●			2322761	-	
Hose adapter D8/10 ET							●	●		●					390936	-	
Double connection							●	●		●					3137409	-	
House Coupling XL2							●	●		●	●		●	●	390954	-	
Hose nozzle D10-D12							●	●		●	●		●	●	390955	-	
Hose nozzle d08-D10							●	●		●	●		●	●	390956	-	
Hose holder D10-D12 Rotatable							●	●		●	●		●	●	390965	-	
Adapter Nipple D10-12							●	●		●	●		●	●	362316	-	
Outer nut M18x1.5							●	●		●	●		●	●	362317	-	
Connecting part el. conductive							●	●		●	●		●	●	2305865	-	
Hose Holder D10-D12 el. conductive							●	●		●	●		●	●	2305866	-	
Hose Holder D08-D10 el. conductive							●	●		●	●		●	●	2305867	-	
Air hose																	
Air hose PEN 6/4mm black							●	●		●	●		●	●	9982079	-	
Air hose PEN 8/5.5mm black							●	●		●	●		●	●	9982078	-	
Powder hose																	
Powder hose D10	●			●	●	●	●	●	●	●	●	●	●	●	2310699	-	
Powder hose D11	●			●	●	●	●	●	●	●	●	●	●	●	2307502	-	
Powder hose D12	●			●	●	●	●	●	●	●	●	●	●	●	2310700	-	
Powder hose D8	●						●	●	●						351798	-	
Powder hose D9				●	●	●	●	●	●	●	●	●	●	●	351794	-	
Measurement tools																	
Powder Measuring Bag C4							●	●	●				●		390940	-	

Application accessories

Wagner offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

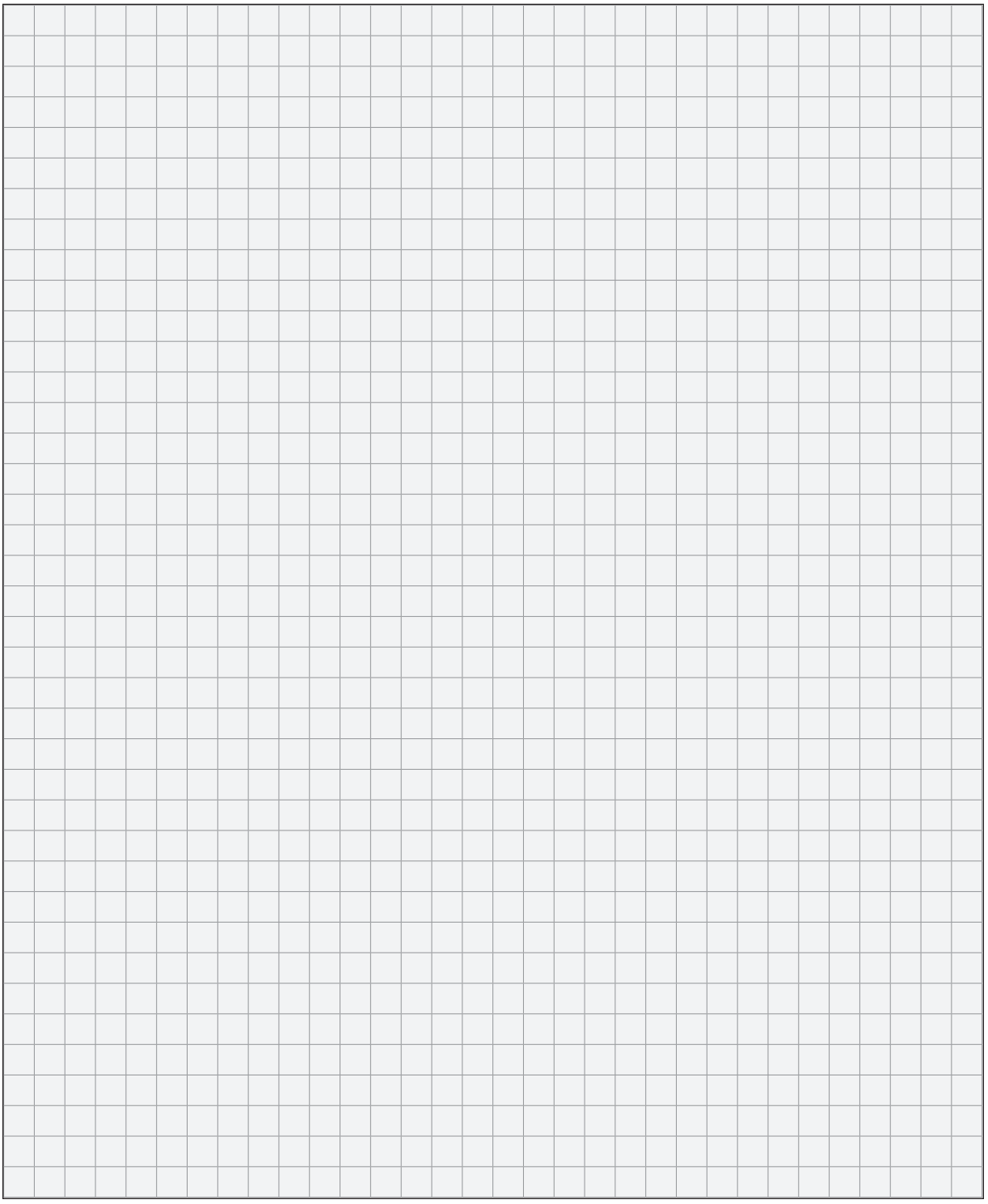
	PEM-X1 Corona manual gun	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid	Manual system Sprint 60 l	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T			
Fixture																	
Gun-holder for manual gun PEM-X1	●	●	●	●	●	●						●			2330599	-	
Gun-holder for manual cabins	●	●	●	●	●	●						●			2332139	-	
Adapter plate switchbox				●	●	●						●			2308079	-	
Console				●	●	●						●			2331558	-	
Wall holder ass.				●	●	●						●			2330223	-	
Injector holder Sprint				●	●							●			2307117	-	
Castors set				●	●							●			2324869	-	
Bracket f. short PEA guns							●			●			●	●	351347	-	
Gun Extension							●	●		●	●		●	●	260215	-	
Powder Hose Parking Station							●	●		●	●		●	●	351558	-	
Antikinking XL-gun							●	●		●	●		●	●	351922	-	
Antikinking corresponding XL 1-fold							●	●		●	●		●	●	351923	-	
Antikinking corresponding XL 2-fold							●	●		●	●		●	●	373219	-	
Pick-up system																	
Suction tube ST550/10				●	●										265281	-	
Suction Lance SN-2 550/10 Dual				●	●										265272	-	
Assembly																	
Protection hose PG 21							●	●	●	●	●		●	●	9998832	-	
Power cable																	
Connecting cable PEA-C2/C3/C4 5m						●	●	●	●	●	●	●	●	●	351216	-	
Connecting cable PEA-C2/C3/C4 10m						●	●	●	●	●	●	●	●	●	351217	-	
Connecting cable PEA-C2/C3/C4 20m						●	●	●	●	●	●	●	●	●	351215	-	
Connecting cable PEA-T2 5m						●	●	●	●	●	●	●	●	●	351297	-	
Connecting cable PEA-C2 10m						●	●	●	●	●	●	●	●	●	351296	-	
Connecting cable PEA-C2 20m						●	●	●	●	●	●	●	●	●	351295	-	
Filter, maintenance																	
Filter Precipator				●	●	●						●			2305860	-	
Tools																	
Wedge tool X1 plus 20 wedge	●	●		●	●							●			2324124	-	
Spare parts starter package X1 R	●	●		●	●							●			2331976	-	
Wedge tool C4 + 20 wedges							●	●	●						390900	-	
Assembly Tool WA C4							●	●	●						390939	-	
Control																	
Controler EPG Sprint X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2324731	-	

Application accessories

Wagner offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

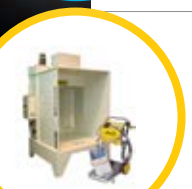
	PEM-X1 Corona manual gun	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid	Manual system Sprint 60 l	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T			
Gun accessories																	
Corona Star PEM X1 assy	●	●		●	●	●						●			2322868	-	
Retrofit																	
Dual Manual Set SPRINT	●			●	●										2331417	-	
Accessories																	
Wedge tool X1	●	●		●	●							●			2324205	-	
Measurement tools																	
HV tester HV200 N	●	●	●	●	●	●	●	●	●			●	●		259010	-	
Accessories																	
Wedge X1	●	●		●	●							●			2320488	-	
Retrofit																	
Retrofit PRIMA SPRINT Airfluid				●	●										2309275	-	
Retrofit PRIMA SPRINT 60L V				●	●										2309276	-	
Retrofit PRIMA SPRINT 3L V				●	●										2309277	-	
Control																	
Switchbox				●	●							●			265911	-	
Recipe Sticker				●	●	●						●	●	●	2331223	-	
Accessories																	
Protective wedge C4							●	●	●				●		390310	-	
Gun accessories																	
CoronaStar set PEM/PEA/PEA XL C4							●	●					●		390918	-	
CoronaStar WA C4							●	●							2306335	-	
Gun retrofit set																	
Retrofit set for PEA-C2/C3 to C4 R							●						●		390922	-	
Retrofit set for PEA-C2/C3 to C4 F							●						●		390905	-	
Gun accessories																	
MINI CORONA STAR ET							●	●					●		390957	-	
Gun retrofit set																	
Retrofit set for PEA-C2/C3 XL to C4 XL R								●							390923	-	
Retrofit set for PEA-C2/C3XL to C4XL F								●							390906	-	
Retrofit set for PEA-C2 Twin to C4 Twin									●						390925	-	
Retrofit set for PEA-C2 Twin to C4 Twin									●						390908	-	



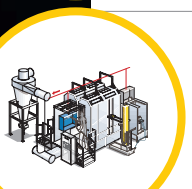
Fast paint change for high efficiency.

Smaller space requirements coupled with greater performance and flexibility. These are features that distinguish WAGNER powder booth systems. Ranging from low-cost booth systems for entry-level applications and small operations to fully automatic powder coating units combined with pre- and post-coating, WAGNER has the right solution for a rapid paint change and the efficient use of powder. In combination with our recovery systems, we offer optimal energy and material efficiency to lower costs over the long term and protect the environment.

Booths



Manual booths 66



Automatic booths 72

Accessories 81

Manual booths

The WAGNER manual booths not only offer an introduction to powder coating, but may also be integrated into automated systems. The BASIC line offers two cost efficient booth variants that customers may upgrade according to their requirements. Thanks to its numerous variants, the ID booth line may be employed for coating individual parts, for coating small volume productions and anything in between.

1. Flexibility

Here you find the right model for any coating requirements - be it for coating small or bulky parts.

2. Rapid Paint Change

The comfortable handling of the work pieces in the easily accessible booth ensures efficient process steps.

3. Modern Booth Concept

Thanks to its compact design, the booth needs a relatively small installatin surface. The booths include robust and scratch-resistant stainless steel floor tiles.

4. Easy and Safe Operation

From installation to setup, the WAGNER manual booths offer the easiest operation of all functions, for example ventilation and cleaning functions.

5. Energy Efficiency

The booth offers energy saving recirculated-air operation, the exhaust air is returned to the working area. The integrated exhaust system provides a dust free working environment.

BASIC 4000 suspension booth

The BASIC 4000 suspension booth is suitable for the coating of individual parts or small series and is equipped with the basic functions required for a cost-effective system. It meets the technical requirements specified by CE and ATEX.

Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	3,00 kW
Input frequency	50 Hz
Filter surface area	40 m^2, 430,6 ft^2
Number of filter cartridges	2
Air volume	4000 m^3/h
Air consumption	25 Nm^3/h

Special advantages

- Coating opening (W x H) 1420 mm x 1420 mm
  Small footprint
- Optimal also for medium-sized to small parts
  Integrated rotatable workpiece suspension hook
- Integrated suction unit with 4000 m^3/h
  Ergonomic and fatigue-free working conditions through direct accessibility to workpiece
- Connection for overspray collection bag below housing

Included Items

- Booth housing assy.
- Fan motor, not installed
- Silencer hood, not installed
- Two filter cartridges, not installed

Product variants	Art. No.	Price in €	PH 2
Suspension Booth Basic 4000 left	3305080	-	-
Suspension Booth Basic 4000 right	3306210	-	-

BASIC 8000 spray wall

The BASIC 8000 spray wall is suitable for the coating of large parts and is equipped with the basic functions required for a cost-effective system. It meets the technical requirements specified by CE and ATEX.

Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	6,00 kW
Input frequency	50 Hz
Filter surface area	60 m^2, 645,8 ft^2
Number of filter cartridges	3
Air volume	8000 m^3/h
Air consumption	25 Nm^3/h

Special advantages

- Suitable for integration in manual conveyor system
  Small space requirements
- Slanted air baffles for directing the air current
  Parts are directly accessible
- Compact size
  Low workpiece height
- Wide range of accessories

Included Items

- Back wall in 2 segments
- Fan motor, not installed
- Three baffles, not installed
- Silencer hood, not installed
- Three filter cartridges, not installed
- Mounting material

Product variants	Art. No.	Price in €	PH 2
Spray wall BASIC 8000 left hand side	3301920	-	-
Spray wall BASIC 8000 right hand side	3306211	-	-

ID transfer booth

The ID transfer booth is specially designed for the coating of small and large series in flow line operation.

Technical data	
Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m^2, 322,9 ft^2
Number of filter cartridges	3
Air volume	4000 m^3/h
Air consumption	20 Nm^3/h

Special advantages

- Flow opening H=1530 mm x W=500 mm
  For workpieces up to H=1000 mm x W=300 mm
- Ceiling slots and inlet/outlet vestibules
  Integratable in automatic coating systems with flow line operation
- With stainless steel floor plate
  Robust, scratch resistant floor
- Booth on casters
  Mobile

Included Items

- Booth housing assy.
- Three filter cartridges
- Deflector grid

Product variants	Art. No.	Price in €	PH 2
ID Run-Through Booth 3,5m Spray-to-Recovery	3063837	-	-
ID Run-Through Booth 2,5m Spray-to-Recovery	3056730	-	-
ID Run-Through Booth Spray-to-Waste	3056770	-	-

ID suspension booth

The ID suspension booth is designed specifically for small series with multiple colors.

Technical data	
Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m^2, 322,9 ft^2
Number of filter cartridges	3
Air volume	4000 m^3/h
Air consumption	20 Nm^3/h

Special advantages

- Spray opening (W x H): 1440 mm x 1530 mm
  For workpieces up to W=800 mm x H=1200 mm
- Suspension hooks integrated in roof
  Reliable grounding of parts
- Base frame with stainless steel floor plate
  Robust, scratch resistant floor
- Booth on casters
  Mobile

Included Items

- Booth housing assy.
- Three filter cartridges
- Deflector grid

Product variants	Art. No.	Price in €	PH 2
ID suspension booth for circulation mode	3057190	-	-
ID suspension booth circul. mode + rail	3082406	-	-
ID suspension booth spray-to-waste mode	3056720	-	-

ID spray wall

The ID spray wall is especially suited for the coating of large parts in one-color operation or for frequent color changes.

Technical data	
Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m^2, 322,9 ft^2
Number of filter cartridges	3
Air volume	4000 m^3/h
Air consumption	20 Nm^3/h

Special advantages

- Slanted air baffles for directing the air current
  Integratable in automatic coating systems with flow line operation
- Base frame with stainless steel floor plate
  Robust, scratch resistant floor
- Booth on casters
  Mobile

Included Items

- Spray wall assy.
- Three filter cartridges
- Deflector grid

Product variants	Art. No.	Price in €	PH 2
ID Spraywall Spray-to-Recovery	3057870	-	-
ID Spraywall Spray-to-Waste	3057905	-	-

Automatic stainless steel booths

Stainless steel booths are used where an automatic coating system needs to be built on a small budget and in a rough environment. This indestructible and easy-to-maintain booth type ensures professional use over many years. With the ICF (filter) and ICM (multicyclone) recovery versions, units can be built for single paint or multi-paint systems.

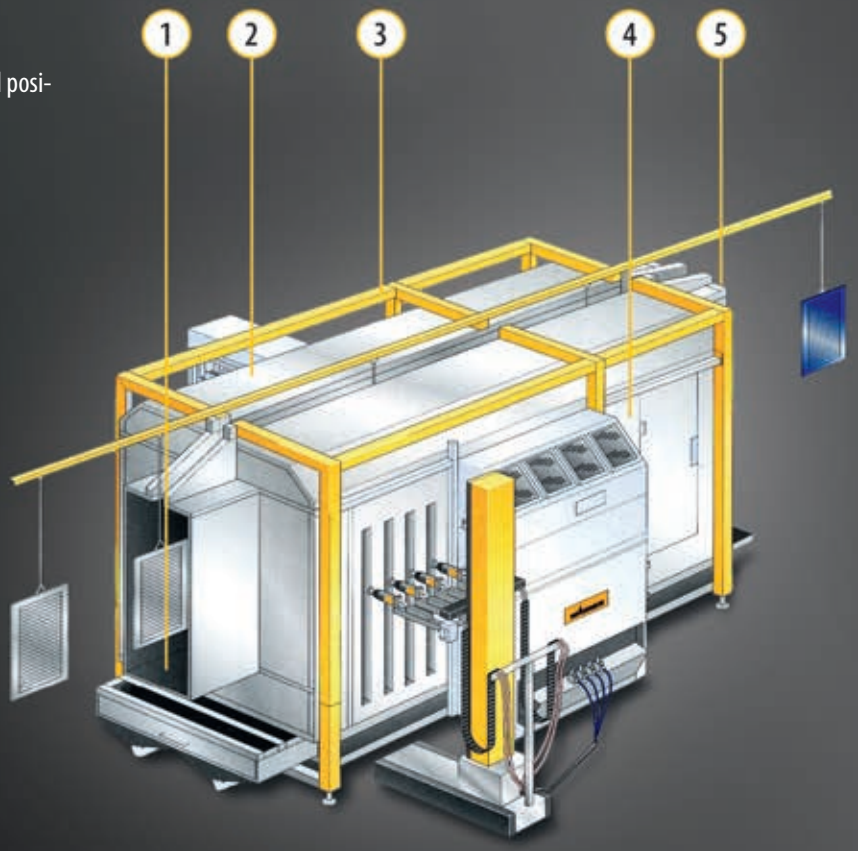
1. Easy cleaning
The accessible stainless steel booth floor and the smooth surfaces ensure efficient cleaning.

2. Cost-effectiveness and efficiency
Variable suction capacity thanks to the modular combination of recovery modules.

3. Modular design
Thanks to the modular and compact design the booth may be adapted easily to the users requirements.

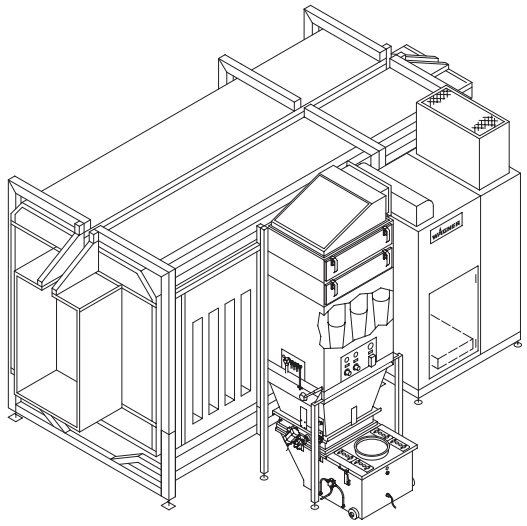
4. Optimal process sequences
The booths offer integrated manual coating stations with optimal positioned illumination.

5. Process reliability
No sintering when directly connected to the multicyclone.



ICM multicyclone booths

ICM Integral Compact Multicyclone stainless steel booths are designed for automatic powder coating and manual coating in multipaint operation.



Special advantages

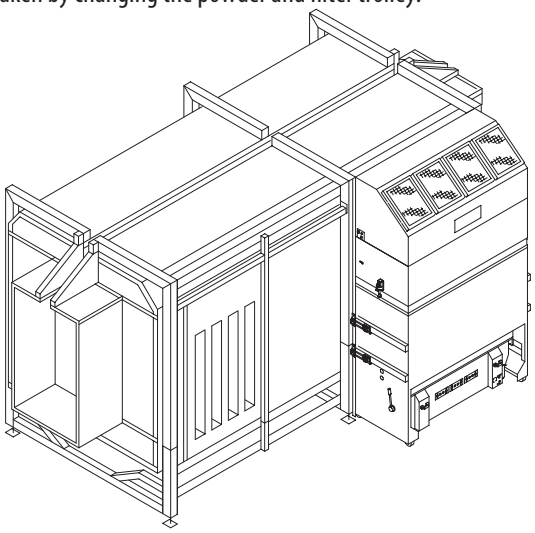
- Booth housing and treadable booth floor of stainless steel
  Easy-to-clean surfaces
- Robust steel frame support structure
  Sturdy, indestructible construction
- Variable suction capacity through modular combination of recovery modules at 8000 m^3/h and higher
  Small footprint and low equipment height
- Fluid container with integrated sieve, directly equipped with injectors for optimum coating quality
  Attractive price

Ordering information

- ICM multicyclone booths are configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.

ICF filter booths

ICF Integral Compact Filter stainless steel filter booths are designed for automatic powder coating and manual coating. Paint changes can be undertaken by changing the powder and filter trolley.

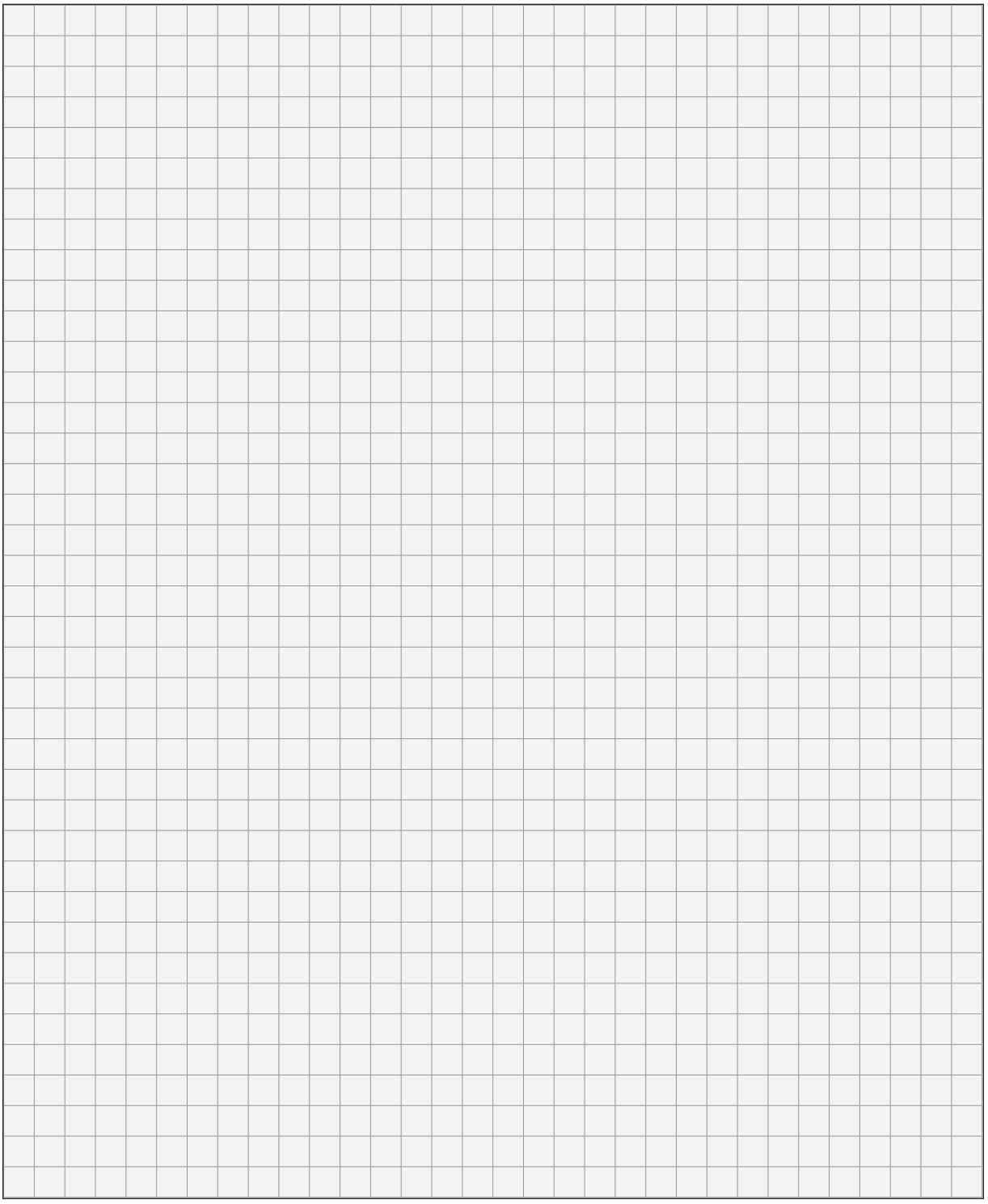


Special advantages

- Booth housing and treadable booth floor of stainless steel
  Easy-to-clean surfaces
- Robust steel frame support structure
  Sturdy, indestructible construction
- Variable suction capacity through modular combination of recovery modules at 8000 m^3/h and higher
  Small footprint and low equipment height
- Fluid container with integrated sieve, directly equipped with injectors for optimum coating quality
  Attractive price

Ordering information

- ICF filter booths are configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.



Automatic plastic booths

Today automatic plastic booths are mainly used in modern powder coating systems. The material PVC is particularly suited for the construction of a complete (HiCoat) system, thanks to its mechanical properties (robust, repairable), put also especially thanks to its electrostatic properties. Depending on recovery system single-paint systems with filter recovery or multi-paint systems with monocyclone recovery can be constructed. Here it has been proven that paint changes only take a few minutes. Today these multi-paint systems are used for all contract coating companies.

1. Excellent Coating Results
There is no paint carry-over thanks to the optimized pipe geometry. This ensures a safe change for critical powders.

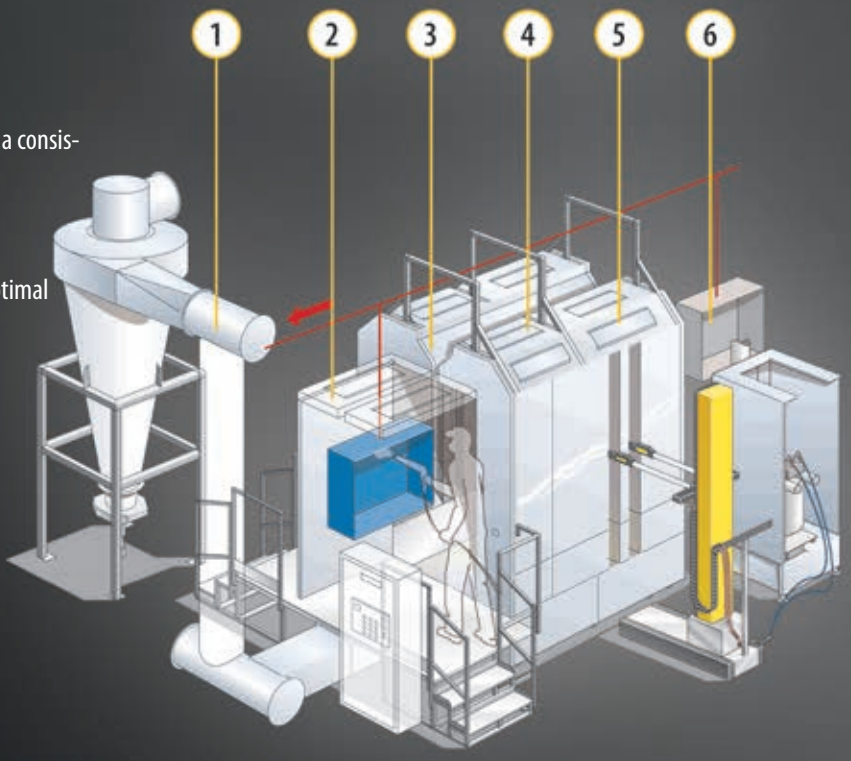
2. Rapid Paint Change
An efficient paint change is ensured thanks to the compact design of the booth housing and the powder repulsion.

3. Optimal Booth Cleaning
Booth housings with PVC sandwich construction are dust repellent (no sintering).

4. Maximum Pressure Electrode Effect
This ensures an increased application efficiency.

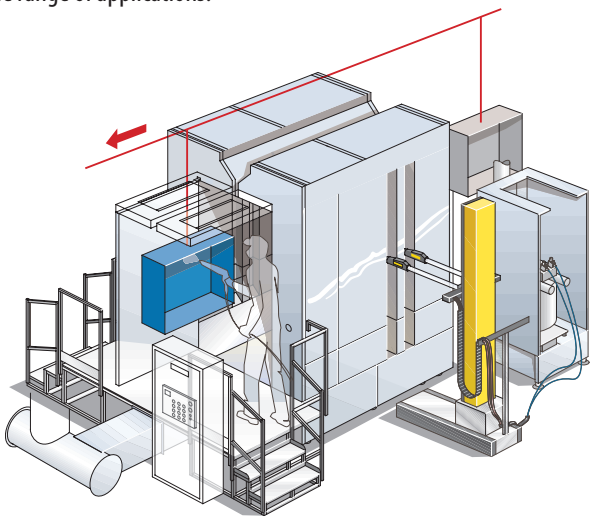
5. Consistent Powder Quality
The prevention of separation during powder circulation ensures a consistently high powder performance during the coating process.

6. High Application Efficiency.
The even suction for the complete booth length allows for an optimal surface quality.



PrimaCube plastic booths

The booth is made of PVC sandwich elements and provides the basis for a quick paint change system. Two model sizes with manual coater station and practical accessories allow for the individual and universal use in a wide range of applications.



Special advantages

- Booth housing with PVC sandwich construction
  Rapid and easy paint change, partially automated (dependent on configuration)
- Short booth, only 2,5 m long
  Very low powder quantities in the cycle for consistently high quality coating results
- Manual coater located at the front
  Direct access to workpiece ensures very high coating quality
- Walk-in booth
  Access to all locations

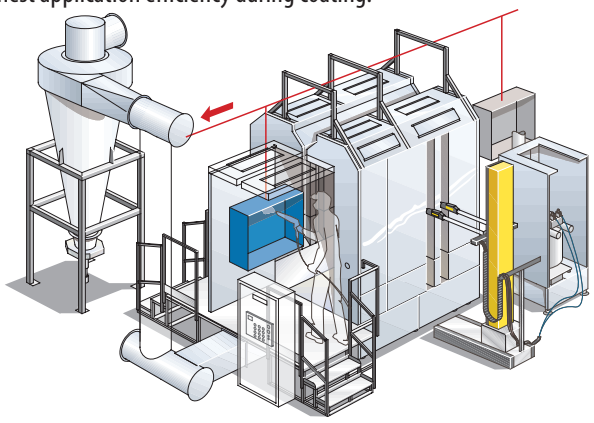
Ordering information

- Automatic booths are configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.

Product variants	Art. No.	Price in €	PH 2
Booth package PrimaCube 12000	2331525	-	-
Booth package PrimaCube 16000	2313690	-	-

SuperCube plastic booths

The SuperCube allows a quick paint change without entering the booth. The PVC sandwich booth design offers an even flow distribution for the highest application efficiency during coating.



Special advantages

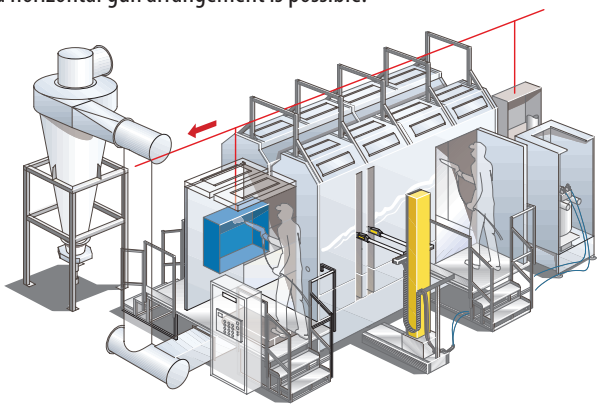
- Booth housing with PVC sandwich construction
  Very rapid and simple paint change, partially automated (depends on configuration)
- Short booth, only 2,5 m long
  Very low powder quantities in the cycle for consistently high quality coating results
- Manual coater located at the front
  Direct access to workpiece ensures very high coating quality
- Walk-in booth
  Access to all locations

Ordering information

- SuperCube plastic booths are configured to meet individual customer requirements
- The WAGNER engineering department will make an offer on request within a very short period of time

SuperTech plastic booths

The booth is a version of the SuperCube. Manual coaters can be arranged at the front or on the sides. The number of gun slots is individual. Vertical and horizontal gun arrangement is possible.



Special advantages

- Booth housing with PVC sandwich construction
  Very rapid and simple paint change, partially automated (depends on configuration)
- Booth length is variable to 7.5 m, 1-6 gun slots per side, universal arrangement options for manual coater stations
  Short design
- Manual coater at the front or on the sides
  Optimal arrangement ensures excellent coating results
- Walk-in booth
  Access to all locations

Ordering information

- SuperTech plastic booths are configured to meet individual customer requirements
- The WAGNER engineering department will make an offer on request within a very short period of time

Customized booths

Wagner has extensive know-how in building boothes for any workpiece size. ranging from door handles to semitrailers. The particular requirements in each case call for specific gun arrangements, motion systems and process flows

Special advantages

- Customized booths designed to meet individual customer requirements
  Fulfilling customer specifications

Ordering information

- Customized powder booths are tailored to individual needs
- The WAGNER engineering department will make an offer on request within a short period of time

Booth accessories

Wagner offers a comprehensive accessories range for powder booths.
Please select the components you require from this table.

● Compatible with one another

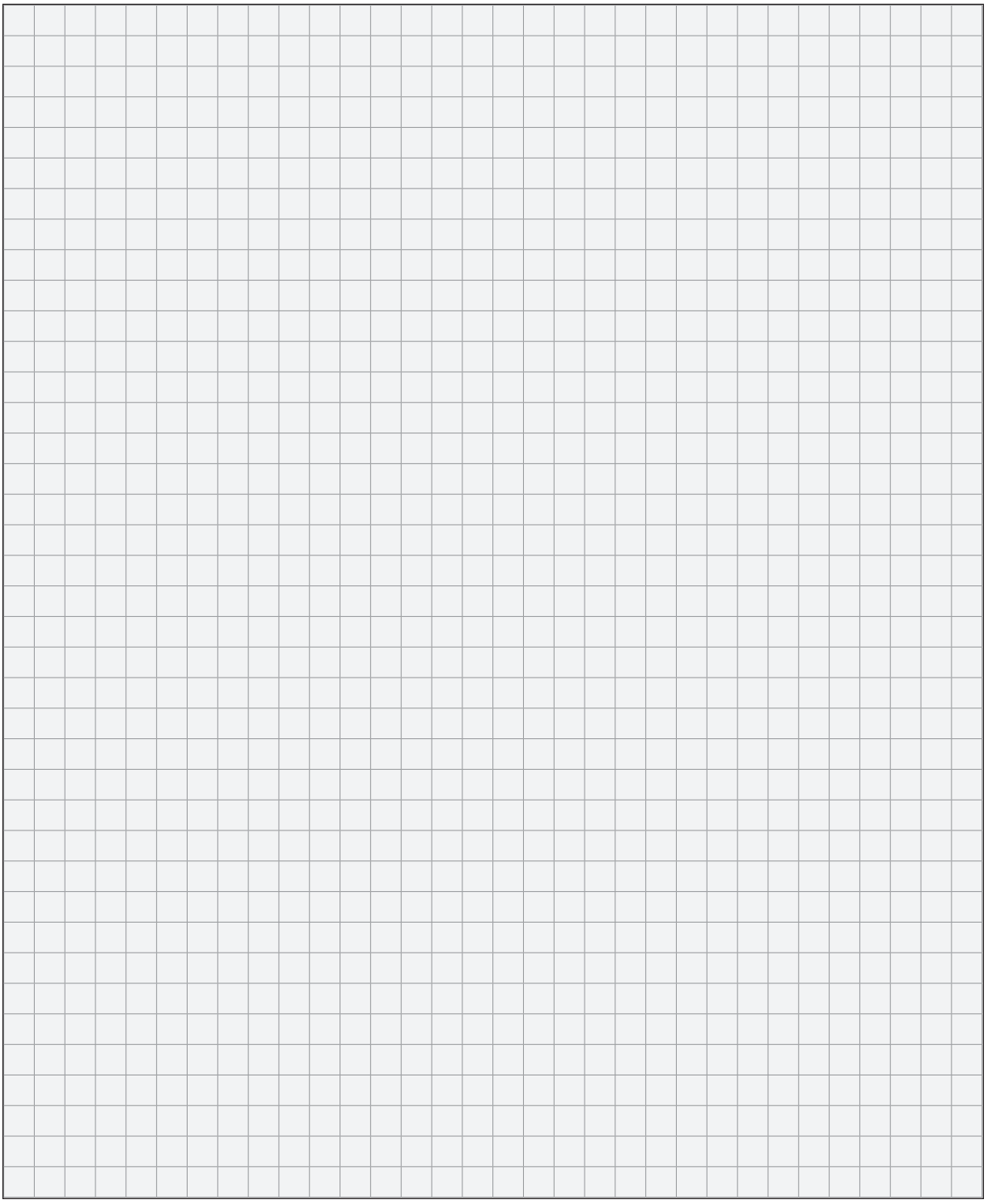
	BASIC 4000 suspension booth	BASIC 8000 spray wall	ID transfer booth	ID suspension booth	ID spray wall	ICM multicyclone booths	ICF filter booths	PrimaCube booth system	SuperCube plastic booths	SuperTech plastic booths	Customized booths			
Container														
Collector tank			●	●	●							3055950	-	
Powder trolley assy. ID 1 Injector			●	●	●							3104860	-	
Powder trolley assy. ID 2 Injectors			●	●	●							3105976	-	
Powder trolley, no lid						●						3150742	-	
Vibrator drive assy. IMZ						●						3101339	-	
Damping chamber assy.						●						3134640	-	
Container lid 1-4 Inj. assy.						●						3310770	-	
Container lid 1-8 Inj. assy.						●						3310771	-	
Container lid 1-12 Inj. assy.						●						3310772	-	
Container lid 1-16 Inj. assy.						●						3310773	-	
Powder collecting container						●						3067000	-	
Powder trolley 1-4 Inj.							●					3310775	-	
Powder trolley 1-8 Inj.							●					3310776	-	
Powder trolley 1-12 Inj.							●					3310777	-	
Powder trolley 1-16 Inj.							●					3310778	-	
Mixed powder trolley							●					3054065	-	
Powder Container PrimaCenter								●				3918797	-	
Air hose														
spiralhose PVC grey d150								●				2312326	-	
Pick-up system														
Pick-up tube ICM/ICF compl.						●	●					3310754	-	
Spacer 5 mm for injector connection IC						●	●					3310753	-	
Blow-out system														
Injector retainer plate 4-fold						●						3103200	-	
Blind injector						●						701452	-	
Assembly														
Sealing plug						●	●					3306622	-	
LOCK NUT M20x1.5							●					3156833	-	
Power cable														
Grounding wire						●	●					3105965	-	
Filter														
Filter cartridge	●	●	●	●	●	●		●	●	●	●	3159587	-	
Viledon-Filter mat						●						3100027	-	
Filter cartridge ICF 8000							●					3131047	-	
Filter cartridge ICF 12000							●					3131048	-	
Filter cartridge Ultraweb								●	●	●	●	2338860	-	
Filter cartridge Donaldson D334 - H672								●	●	●	●	2341742	-	
Sieve														
Strainer chamber assy. IMZ						●						3106026	-	
Sieving chamber 315qmm assy						●						3069260	-	
Vibrat. screen assy. IC-3							●					3059011	-	

Booth accessories

Wagner offers a comprehensive accessories range for powder booths.
Please select the components you require from this table.

● Compatible with one another

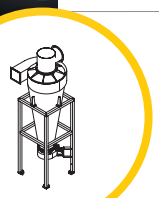
	BASIC 4000 suspension booth	BASIC 8000 spray wall	ID transfer booth	ID suspension booth	ID spray wall	ICM multicyclone booths	ICF filter booths	PrimaCube booth system	SuperCube plastic booths	SuperTech plastic booths	Customized booths			
Noise reduction														
Silencer hood ID top assy.			●	●	●							3058017	-	
Blow out silencer						●						3140958	-	
Silencer hood assy.						●						3103049	-	
Blow-off system														
Blower gun	●	●	●	●	●	●	●	●	●	●	●	3920048	-	
Nozzle essay just with clutch.	●	●	●	●	●	●	●	●	●	●	●	3920053	-	
Hose rell assy.	●	●	●	●	●	●	●	●	●	●	●	3923136	-	
Extension for blowing gun 460mm	●	●	●	●	●	●	●	●	●	●	●	3921960	-	
Extension for blowing gun 960mm	●	●	●	●	●	●	●	●	●	●	●	3920051	-	
Link nozzle 40mm						●	●	●	●	●	●	3303641	-	
Extension for blowing gun 1460mm						●	●	●	●	●	●	3920052	-	
Extension for blowing gun 1960mm						●	●	●	●	●	●	3923041	-	
Extension for blowing gun 2500mm						●	●	●	●	●	●	3927555	-	
Extension for blowing gun 3000mm						●	●	●	●	●	●	3927556	-	
Cleaning nozzle for conveyor protector						●	●	●	●	●	●	3923043	-	
Slot Cleaning Brush						●	●	●	●	●	●	3307849	-	
Cleaning tools														
Multitexrolle in pickbox	●	●	●	●	●	●	●	●	●	●	●	3311137	-	
Blower lance cpl.						●	●					3107643	-	
Rubber scraper						●	●					3107454	-	
Scraper						●	●					3107456	-	
Plasticgranulate cyyclonecleaning								●	●	●	●	3310593	-	
Accessories														
Roller set for Basic 4000	●											3306110	-	
Movable profil frame assy. for Basic 800		●										3306133	-	
Small ground panel Basic 8000		●										3305528	-	
Big ground panel Basic 8000		●										3305529	-	
Accessories														
Covering shoe 1 piece						●	●	●	●	●	●	3301015	-	
Filter trolley assy. 8000m³/h							●					3059060	-	
Filter trolley assy. 12000m³/h							●					3060002	-	
PrimaCenter integral								●				2330014	-	
Reduction sleeve d10								●				241580	-	
Flat seal								●				241581	-	
PrimaCube-manual coater 2								●				2312608	-	
Accessories														
PrimaCube-MC-Roof, additional								●				2312607	-	
PrimaCube manual platform 12000								●				2329939	-	



Strong performance ensures a perfect environmental balance.

WAGNER recovery systems separate the powder/air mixture exhausted from the booth and return the powder to the powder circuit. WAGNER offers two different systems: filter and cyclone recovery.

Recovery



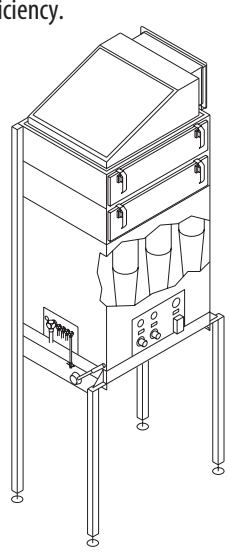
Cyclones 86

Filter 88

Accessories 94

Multicyclone

Multicyclone units are used as a powder recovery system in Wagner IC stainless steel booths. They are characterized by their compact design and high separation efficiency.



Technical data	
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	400,0 kg, 882.0 lb

Special advantages

- Compact size
  Small space requirements
- High removal efficiency
  Low waste volume in after-filter
- Usable with suction capacities from 8000–12000 m^3/h
  High specific suction capacity

Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Included Items

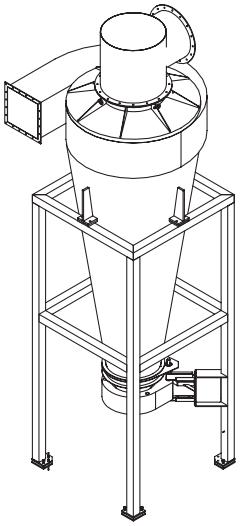
- Multicyclone box with 9 minicyclones
- Pipe not included
- After-filter not included
- Powder container not included

Product variants	Art. No.	Price in €	PH 2
Multicyclone Unit	3100315	-	-

Monocyclone

The monocyclone is used with automatic booths in paint change systems. It separates the powder/air mixture sucked out of the booth. The exhaust passes to the final filters via a pipe. The sieved powder is returned to the guns.

Technical data	
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F



Special advantages

- High removal efficiency at approx. 95% depending on powder and powder load Minimal powder waste
- Cyclone hopper with two-hand control Meets safety requirements

Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

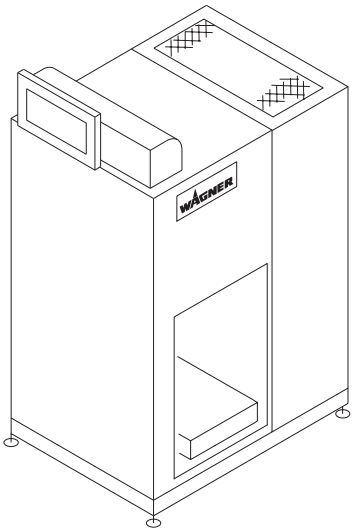
Included Items

- Monocyclone with frame
- Powder extraction with two-hand control
- Vibration sieve 400 µm
- Peristaltic conveyor not included
- Pipe not included
- After-filter not included

Product variants	Art. No.	Price in €	PH 2
Cyclone box 8000m³/h, left	2303371	-	-
Cyclone box 12000m³/h, left	3301416	-	-
Cyclone box 16000m³/h, left	3301175	-	-
Cyclone box 20000m³/h, left	3301177	-	-
Cyclone box 24000m³/h, left	3301968	-	-
Cyclone box 8000m³/h, right	3313189	-	-
Cyclone box 12000m³/h, right	3301417	-	-
Cyclone box 16000m3/h, right	3301176	-	-
Cyclone box 20000m3/h, right	3301178	-	-
Cyclone box 24000m³/h, right	3301969	-	-

After-filter unit, ICM multicyclone

Final filters are required to operate a cyclone system. They provide the necessary suction capacity and must be matched to the pressure loss in the overall system.



Technical data	
Filter surface area	120 m^2, 1.291,7 ft^2
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Blow direction	Upward
Three-phase current connection	220–240 / 380–420 V
Number of filter cartridges	12
Air consumption	15 Nm^3/h
Operating temperature	5 – 35 °C, 41.0 – 95.0 °F
Max. sound level	82 dB(A)

Special advantages

- Filter cartridges, application categories U, S, G, C
  Meet the legal requirements for powder removal
- Filter cleaning with compressed air pulses
  Low air consumption
- Differential pressure monitor
  Maintain the minimum suction capacity

Suitable for product

- ICM multicyclone

Included Items

- Filter unit with powder collecting container
- Fan unit
- Vent silencer not included

Product variants	Art. No.	Price in €	PH 2
Filter modul ICM 8000m^3/h cpl.	3140956	-	-
Filter modul ICM 10000m^3/h cpl.	3140957	-	-
Filter modul ICM 12000m^3/h kpl.	3304378	-	-

After-filter unit , monocyclones

Final filters are required to operate a cyclone system. They provide the necessary suction capacity and must be matched to the pressure loss in the overall system.

Technical data	
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V
Air consumption	15 Nm^3/h
Operating temperature	5 – 35 °C, 41.0 – 95.0 °F

Special advantages

- Filter cartridges, application categories U, S, G, C
  Meet the legal requirements for powder removal
- Filter cleaning with compressed air pulses
  Low air consumption
- Differential pressure monitor
  Maintain the minimum suction capacity
- Horizontal filter cartridges
  Easy to maintain and replace

Suitable for product

- Monocyclone

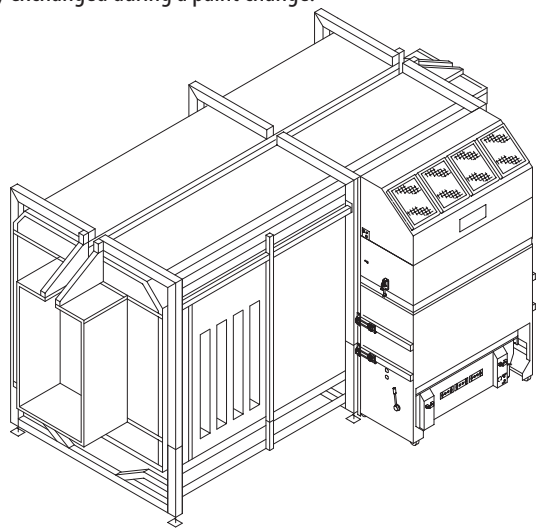
Included Items

- Filter unit with powder collecting trolley
- Fan unit
- Vent silencer
- Filter control unit

Product variants	Art. No.	Price in €	PH 2
Filterunit 3DFP9-8000-R	2331487	-	-
Filterunit 4DFP12-12000-R	2331488	-	-
Filterunit 4DFP16-16000-R	2331489	-	-
Filterunit 4DFP16-20000-R	2331490	-	-
Filterunit 4DFP24-24000-R	2331491	-	-
Filterunit 4DFP32-28000-R	2331492	-	-
Filterunit 4DFP32-32000-R	2338865	-	-
Filterunit 3DFP9-8000-L	2331494	-	-
Filterunit 4DFP12-12000-L	2331495	-	-
Filterunit 4DFP16-16000-L	2331496	-	-
Filterunit 4DFP16-20000-L	2331497	-	-
Filterunit 4DFP24-24000-L	2331498	-	-
Filterunit 4DFP32-28000-L	2331499	-	-
Filterunit 4DFP32-32000-L	2338866	-	-

ICF filter recovery

The filter is used to separate coating powders directly. It is characterized by a very high separation efficiency of over 99.9%. The ICF system can be flange-mounted directly onto the booth. The mobile filter trolley can be readily exchanged during a paint change.

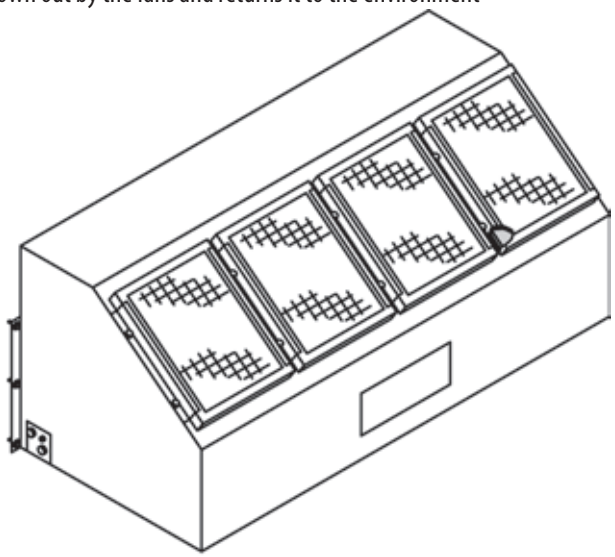


Special advantages

- Compact set up withsieving unit and fluidized container
  Less spae requirements, good cost/ performance ratio

ICF filter recovery – air outlet box

The sound-insulated air outlet box collects the air that is sucked in and blown out by the fans and returns it to the environment



Technical data	
Blow direction	Upward

Special advantages

- Flange-mounted directly onto the booth hull
  Space-saving construction

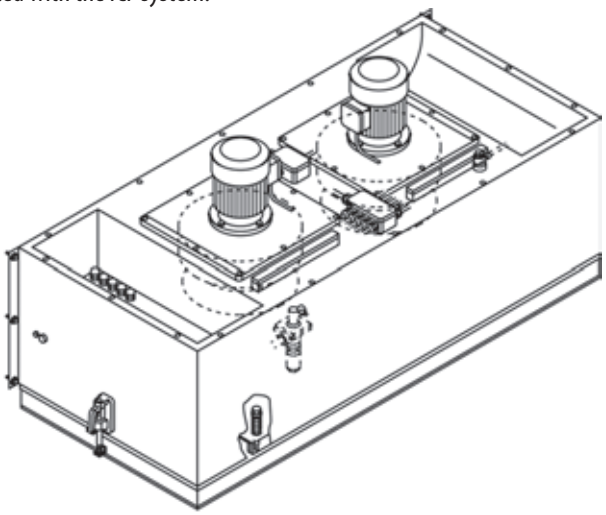
Included Items

- Air outlet box
- Sound insulation elements

Product variants	Art. No.	Price in €	PH 2
Air outlet box assy. 8000m³/h	3059080	-	-
Air outlet box assy. 12000m³/h	3059990	-	-

ICF filter recovery – fan box

The fan box allows for a certain suction capacity of a booth. If the pressure loss in the air system is known, the expected air power can be calculated on the basis of the fan characteristic curves. It is optimally coordinated with the ICF system.



Technical data	
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V
Max. sound level	78 dB(A)

Special advantages

- Flange-mounted directly onto the booth hull
  Space-saving construction

Included Items

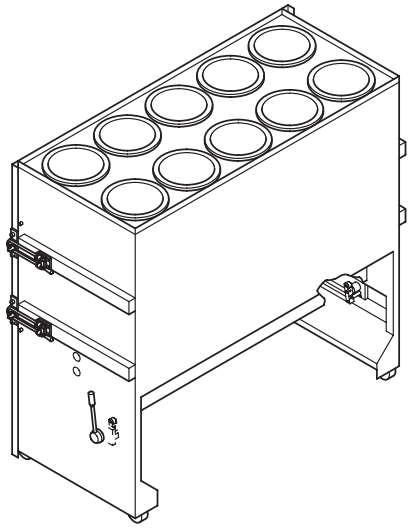
- Fan box
- Two air motors
- Two radial fan wheels
- Ten pulse cleaning valves

Product variants	Art. No.	Price in €	PH 2
Fan box with cleaning 8000m³/h	3059100	-	-
Fan box with cleaning 12000m³/h	3059980	-	-

ICF Recovery System - Filter trolley

The powder/air mixture sucked in from the booth is separated in the filter trolley. The powder is captured in the ribs and is cleaned off by compressed air impulses. The recovered powder may thus be returned to circulation.

Technical data	
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Number of filter cartridges	10



Special advantages

- Filter cartridges, application categories U, S, G, C
  Meet the legal requirements for powder removal
- Large filter opening
  Minimal pressure loss
- Flange-mounted directly onto the booth
  Space-saving construction
- Considered to be an open recovery system
  Does not require a flame arrestor for fire protection

Included Items

- Filter box with insertion opening for powder container
- Ten filter cartridges

Product variants	Art. No.	Price in €	PH 2
Filter trolley assy. 8000m³/h	3059060	-	-
Filter trolley assy. 12000m³/h	3060002	-	-

Recovery accessories

WAGNER offers a comprehensive accessories range for the recovery of powder lacquers. Please select the components you require from this table.

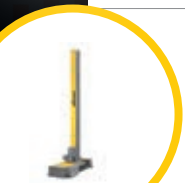
● Compatible with one another

	After-filter unit, ICM multicyclone	Donaldson final filter unit	ICF Recovery System - Filter trolley			
Filter						
Filter cartridge	●			3131045	-	
Filter cartridge	●			3131046	-	
Viledon-Filter mat	●			3100027	-	
Filter cartridge Ultraweb		●		2338860	-	
Filter cartridge ICF 8000			●	3131047	-	
Filter cartridge ICF 12000			●	3131048	-	

Highly dynamic
for highest flexibility.

The coating of complex parts such as the inside of cabinets require guns to move independently from each other. WAGNER offers various systems ranging from simple linear units to dynamic 3D coating with Z-axes. Thus, efficient coating can be achieved without investing in an expensive robot.

Moving



Linear units 98

Accessories 106

Vertical movement system

The motion technology is flexibly applicable. Whether long or short strokes, with this technology any motion sequence can be executed with precision. The horizontal sliding table allows for complex motions and thus ensures the coating of complex parts.

Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	0,75 kW
Input frequency	50 Hz
Protection class	IP 54
Ambient temperature	0 – 45 °C, 32 – 113 °F
Max. load capacity of device support	30 kg
Ascent and descent speed	6 – 30 m/min

Special advantages

- Flexible application
  A device for both long and short stroke applications and as a positioning device
- Intelligent drive concept
  Ensures precise and durable path measurement with an intelligent frequency converter
- Stable mechanical construction
  Lightweight, but robust design thanks to aluminium sections and clearance free precision linear guiding and ball cages.
- Maintenance-friendly drive concept
  Wire-enforced toothed belt ensures a long service life

Controller

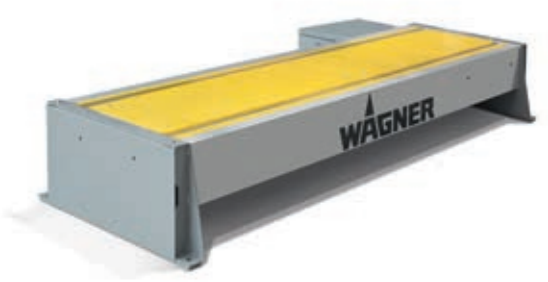
- MCS 1 (Stand-alone-mode)
- PrimaTech
- ProfiTech M
- ProfiTech S

Product variants	Art. No.	Price in €	PH 2
Vertical Moving Device VU 1-1800	2327615	-	-
Vertical Moving Device VU 1-2400	2327616	-	-
Vertical Moving Device VU 1-3000	2327617	-	-

Horizontal movement system

The system is a precise and stable sliding table with a drive unit that, after a reference run, is able to determine and move to the exact position at any time. An ideal solution for the safe and reliable positioning of reciprocators.

Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	0,18 kW
Input frequency	50 Hz
Protection class	IP 55
Ambient temperature	0 – 45 °C, 32 – 113 °F
Max. in/out positioner load	450 kg, 15.873,3 oz
Displacement speed	6 m/min
Width	600 mm, 23.6 in.
Height	282 mm, 11.1 in.



Special advantages

- Intelligent drive concept
  Ensures a precise and long-life displacement measurement with an intelligent frequency converter
- Stable mechanical construction
  Lightweight, but robust design thanks to aluminium sections and precision linear guiding and ball cages.
- Maintenance-friendly drive concept
  Wire-enforced toothed belt ensures a long service life
- Low-vibration movement processes
  Stable mechanical construction ensures a stable powder cloud thus ensuring optimal coating results

Controller

- MCS 1 (Stand-alone-mode)
- PrimaTech - CCM
- ProfiTech S
- ProfiTech M

Product variants	Art. No.	Price in €	PH 2
Horizontal moving device HU 1-600	2327619	-	-
Horizontal moving device HU 1-1000	2335048	-	-
Horizontal moving device HU 1-1200	2327621	-	-
Horizontal moving device HU 1-1600	2327622	-	-
Horizontal moving device H 1-600 M	2327623	-	-
Horizontal moving device H 1-1000 M	2336456	-	-
Horizontal moving device H 1-1200 M	2327625	-	-

Roller set RS 8

Manual slide unit for horizontally positioning the reciprocators and setting the distance of the gun to the workpiece.

Special advantages

- Stable U profile frame
  Simple, solid technology
- Base plate with 4 flanged rollers
  Highly durable

Product variants	Art. No.	Price in €	PH 2
Roller set RS 8-600	2327628	-	-
Roller set RS 8-1000	2337074	-	-
Roller set RS 8-1200	2327630	-	-

Z-axes

Z-axes are used for moving individual guns in a straight line. Generally, one Z-axis is used per gun. In addition, Z-axes are used as positioning axes for gun groups or other axes.

Technical data	
Protection class	IP 54
Ambient temperature	0 – 40 °C, 32 – 104 °F
Speed	30 m/min

Special advantages

- Modular system with varying travel distances and loads
  Individual configuration depending on application
- High positioning accuracy
  Reproducible settings
- Compact size
  Small space requirements
- Combination of several axes possible
  Simple assembly of a coating robot

Controller

- ProfiTech S

Ordering information

- Z and positioning axes are individually sized to meet customer requirements.
- The WAGNER project division will make an individual offer upon request

Hose guide, type Easy V1

The Easy hose guide is a simple system that prevents bending powder and air hoses. In this way, it helps ensure trouble-free operation of the system. Type H for horizontal, type V for vertical gun arrangements.

Special advantages

- Hoses remain freely movable
  No risk of kinking
- Secure fixation
  Very short hose lengths
- Simple, robust design
  Low-priced, long-lasting

Included Items

- As per configuration table

Ordering information

- Please order the individual parts as specified in the configuration table.

EASY V1

Configuration, hose guide Easy V1	Variable			Example
Vertical gun arrangement				
Maximum number of guns: 12	N1			6
Maximum workpiece height: 2,400 mm	H			1,800 mm
Max. number of hoses per gun: 2	N2			1
Item	No.	Number	Configuration	Result
Support H=2,300 mm	A	3304975	= 2 (H<1900)	2
Support H=2,800 mm	B	3304976	= 2 (H>1800)	
Angle support bracket	C	3304954	= N1*N2/2 (round up result)	3
Kink protector assy. L=600 mm	D	3304989	= N1+(N1*N2)	12
Kink protector holder	E	3107501	= D	12
Cylinder head screw M8x55	F	9900337	= C*2	6
Contact washer M8	G	3155404	= 2*C +2	14
Hexagon nut M8	H	9910107	= F	6
Cylinder head screw M6x16	I	9900325	= E	12
Washer A6.4	J	9920103	= E	12
Lock washer 6	K	9921502	= E	12
Hexagon nut M6	L	9910102	= E	12
Ring terminal M8/4-6 mm^2, yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm^2, green/yellow	N	3052344	= 4	4
Ground label, self-adhesive, round	O	3050348	= 4	4
Lock washer B8	P	3050187	= 4	4
Screw anchor	Q	3145555	= 4	4
Building plan	R	3305078	= 1	1

Hose guide, type Easy H

The Easy hose guide is a simple system that prevents bending powder and air hoses. In this way, it helps ensure trouble-free operation of the system. Type H for horizontal, type V for vertical gun arrangements.

Special advantages

- Hoses remain freely movable
  No risk of kinking
- Secure fixation
  Short hose lengths
- Simple, robust design
  Low-priced, long-lasting

Included Items

- As per configuration table

Ordering information

- Please order the individual parts as specified in the configuration table.

EASY H

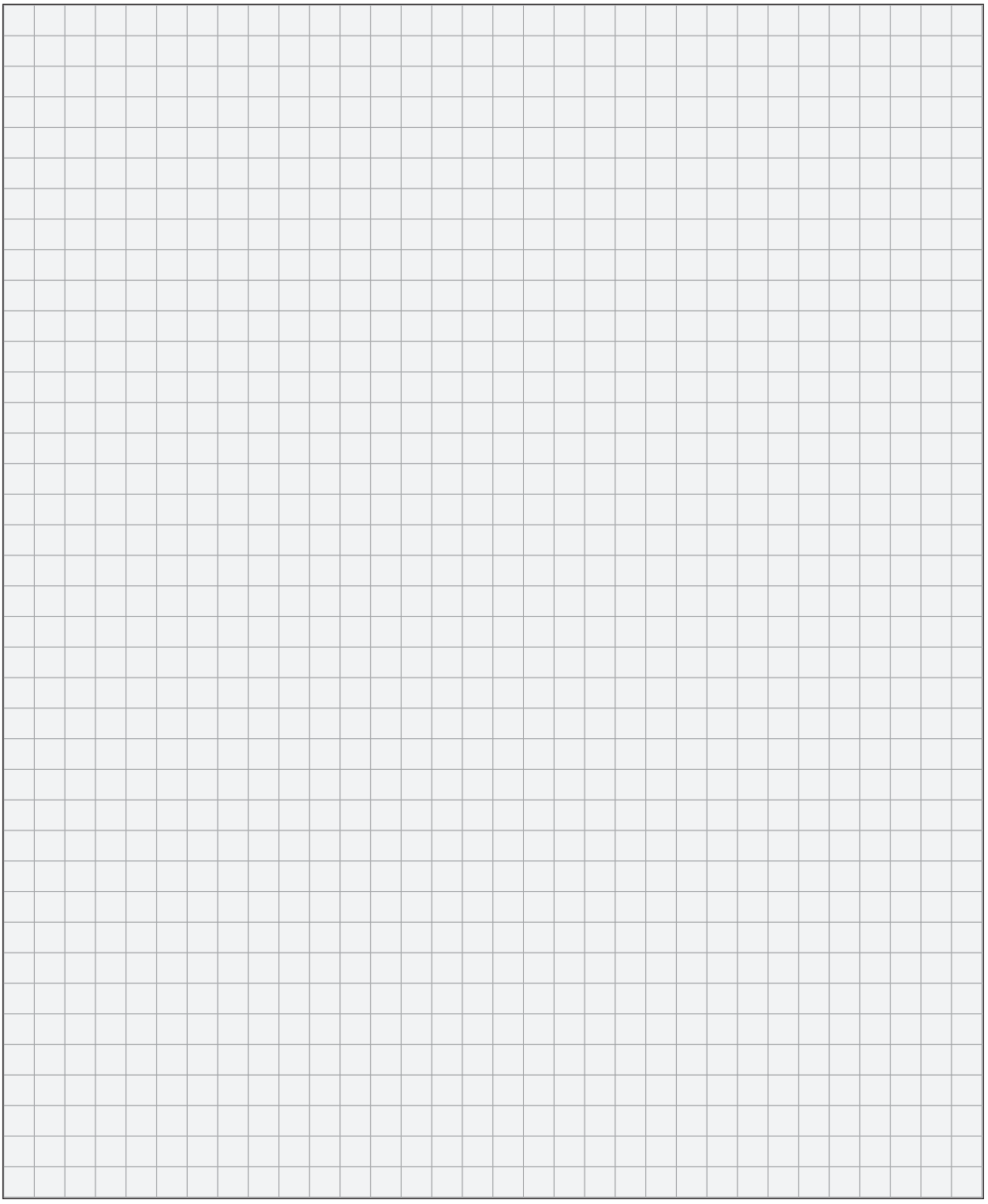
Configuration, hose guide Easy H	Variable			Example
Horizontal gun arrangement				
Maximum number of guns: 12	N1			6
Maximum workpiece height: 2,400 mm	H			1,800 mm
Max. number of hoses per gun: 2	N2			1
Item	No.	Number	Configuration	Result
Support H=2,300 mm	A	3304975	= 2 (H<2200)	2
Support H=2,800 mm	B	3304976	= 2 (H<2200)	
Support tube	C	3304990	= 1 (D<19) otherwise 2	1
Kink protector assy. L=600 mm	D	3304989	= N1+(N1*N2)	12
Kink protector holder	E	3107501	= D	12
Cylinder head screw M8x100	F	9900337	= C*2	2
Contact washer M8	G	3155404	= 2*C +2	6
Hexagon nut M8	H	9910107	= F	2
Cylinder head screw M6x55	I	9906036	= E	12
Washer A6.4	J	9920103	= E	12
Lock washer 6	K	9921502	= E	12
Hexagon nut M6	L	9910102	= E	12
Ring terminal M8/4-6 mm^2, yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm^2, green/yellow	N	3052344	= 4	4
Ground label, self-adhesive, round	O	3050348	= 4	4
Lock washer B8	P	3050187	= 4	4
Sealing plug	Q	0701316	= 2*C	2
Screw anchor	R	3145555	= 4	4
Building plan	S	3305079	= 1	1

Motion accessories

WAGNER offers a comprehensive motion technology accessories range.
Please select the components you require from the table.

● Compatible with one another

	Vertical movement system	Horizontal movement system	Roller set RS 8			
Fixture						
Base fixture	●			2334258	-	
Counterweight 1.1kg	●			2336261	-	
Base support VU 1 cpl.	●			2336702	-	
Gun assembly VU 1 - 1R.hor. 4 gun	●			2336731	-	
Gun assembly VU 1 - 1R.hor. 6 gun	●			2336732	-	
Gun assembly VU 1 - 2R-hor.	●			2336733	-	
Gun assembly VU 1 - 2R-ver. 6 gun	●			2336734	-	
Gun mount assy., square	●			3305515	-	
Counter weight for VU - 15kg	●			2339412	-	
Chain Set HU1 600-900		●		2328542	-	
Chain Set HU1 901-1200		●		2328543	-	
Chain Set HU1 1201-1500		●		2328544	-	
Chain Set HU1 1501-1800		●		2328545	-	
Energy chain set RS8 600-1200			●	2336432	-	
Assembly						
Protective cap, black	●			9990548	-	
Square tube	●			8034003	-	
Square tube	●			8073997	-	
Accessories						
Cross clamping, sq.-rd.	●			373235	-	
Cross clamp	●			373236	-	
Protective cap, black	●			9998577	-	



Individual and modular for complex tasks.

Excellent reliability and high precision for optimal coating results – that's what WAGNER control technology stands for. It is the ideal basis for advanced and powerful automation solutions in powder coating. Regardless of what your application may be, we have the right solution for you.

Control

PrimaTech controllers 110

ProfiTech M controllers 120

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Accessories 128

PrimaTech control system

The PrimaTech controller range is a completely modular system with a diverse functional scope. Combining various control units and peripheral system components allows for the creation of a complete powder coating system. The system is designed with plug-in ready connections and thus ensures a safe and easy assembly. The configuration options extend from simple gun control to controlling reciprocators and sliding tables. This allows for the construction of a semi-professional all-in-one system with a functional scope for many diverse applications and offering a great price/performance ratio.

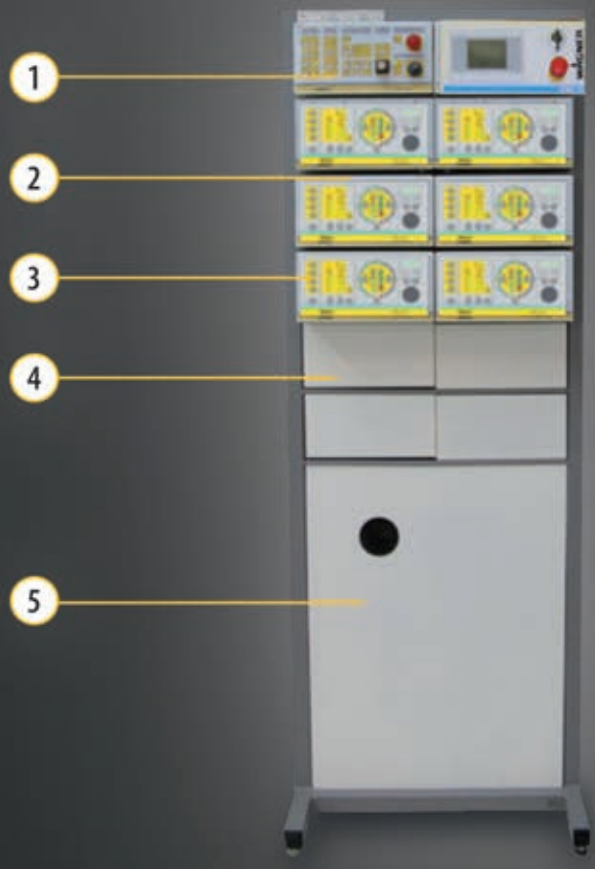
1. Plug and Play
Easy configuration and assembly

2. High Flexibility
PrimaTech can be used for controlling Corona as well as Tribo guns.

3. Cost-effectiveness
Additional modules (for example gap and height control) optimize the gun control. This in turn reduces the powder consumption.

4. Readily Extendable
The modular design allows for gradual upgrading. The control system expands depending on the requirements.

5. High Coating Rate
Up to 16 guns may be operated.



PrimaTech-CCM

PrimaTech-CCM is a compact application control for installing an automatic system. The set includes a central control module, complemented by gun modules and a motion technology control. Application range up to 16 guns.

Technical data	
Input frequency	50 – 60 Hz
Protection class	IP 54

Special advantages

- Modular structure, plug and play
  Simple configuration and installation, no special installation knowledge required
- Can be used with Corona and Tribo guns
  One system for 2 applications
- Control intelligence including gap control
  Reduces powder consumption
- Modules for motion equipment
  Can be used with full range of application technology

Included Items

- Maximum equipment per rack: 6 levels with 12 module spaces
- Configuration example:
- 1 rack
- 1 CCM-Prima central control module
- 1 MCS-1 movement control module
- 1 GCM-Prima gap control module
- 8 EPG-Sprint gun control modules
- 1 dummy plate

Ordering information

- PrimaTech-CCM control systems can be ordered on the basis of the configuration diagrams and tables.
- Automatic configurators are also available. Ask your sales partner for more information.

PrimaTech rack

The PrimaTech rack is a base frame with 6 shelves for 2 single modules or 1 double module. It can hold up to 10 EPG Prima control units and 1 CCM-Prima module. If additional control units are used, the available space is divided accordingly.

Included Items

- Air distributor block, item no. 0263325
- Twelve straight threaded fittings, item no. 9992106
- Twelve blind plugs, item no. 9998201
- Ground cable assy., item no. 0264332

Product variants	Art. No.	Price in €	PH 2
Primatech rack	360091	-	-

Control unit CCM Prima

The CCM Prima control unit is the central control and operating unit for the modular PrimaTech-CCM control unit. Eight gun control units can be connected.

Special advantages

- Central supply for the individual modules
  Easy connection
- Interlock with conveyor system
  No faulty coating
- Emergency stop switch
  Safety in the event of a malfunction

Product variants	Art. No.	Price in €	PH 2
Control unit CCM Prima	263070	-	-

Extension control unit SCM Prima

The SCM Prima is an extension module for the PrimaTech-CCM control unit for an additional 8 gun control units.

Special advantages

- Connection of 8 additional guns
  Easy expansion

Product variants	Art. No.	Price in €	PH 2
Control unit SCM Prima	263071	-	-

Control unit EPG Sprint

The EPG Sprint X control unit is used for all WAGNER manual and automatic guns. The precise and self-regulating AFC technology with an intuitive user interface ensures optimum gun control and thus reproducible coating results.

Special advantages

- Optimal arrangement of the operating elements
  Self-explanatory and intuitive operation, short training periods
- Optimal arrangement of the operating elements
  Storage and retrieval of programs with all coating parameters
- Optimal arrangement of the operating elements
  Exact and reproducible settings and their precise output

Included Items

- Control unit EPG Sprint X
- Additional safeguard
- Mounting material
- CE Declaration
- NO power cable (country specific - separate)

Product variants	Art. No.	Price in €	PH 2
Controler EPG Sprint X	2324731	-	-

GCM Prima gap control module

Gap control module GCM Prima switches the powder feed off during gaps between workpieces.

Technical data	
Input voltage	18 – 36 V
Input power	5 W
Input frequency	50 Hz
Protection class	IP 64
Max. number of guns	8
Weight	3,3 kg, 7.3 lb

Special advantages

- Less overspray
  Economy in the powder cycle
- Guns are only switched on when work-pieces pass in front of them
  Lower wear part costs
- Smaller powder quantities in cycle
  Consistent powder quality
- Synchronization with conveyor speed
  No changing of switch-on and switch-off times as with simple time controllers

Product variants	Art. No.	Price in €	PH 2
Control Unit GCM Prima	263114	-	-

Motion Control stand-alone MCS 1

The MCS can control up to 2 reciprocators VU 1 and 2 sliding tables HU 1.
It is used as a stand-alone device and integrated in the PrimaTech CCM.

Special advantages

- Universal use as stand-alone device or in combination with the PrimaTech CCM application control.
  Flexible application
- Controlling of max. 2 reciprocators VU 1 and 2 sliding tables VU 1
  Wide range of applications
- 50 movement profiles can be saved as recipes
  Coating parameters are quickly available.

Included Items

- Control unit in EPG housing with rear mounting.Control unit in EPG housing with rear mounting options.
- 10 m current and CAN bus cables (each) for the first motion component
- 2. Key for key switch
- 1 Touch pen for easy operation of the touchscreen
- Plug for connecting the onsite power supply.
- Attention: connection onsite power supply 230 VAC, 50/60 Hz, protection 20 A

Product variants	Art. No.	Price in €	PH 2
Motion control stand-alone MCS 1	2327643	-	-

Infeed distributor CPD 1

The CPD module enables the distribution of the supply voltage for the MCS 1, CCM-Prima und SCM-Prima modules.

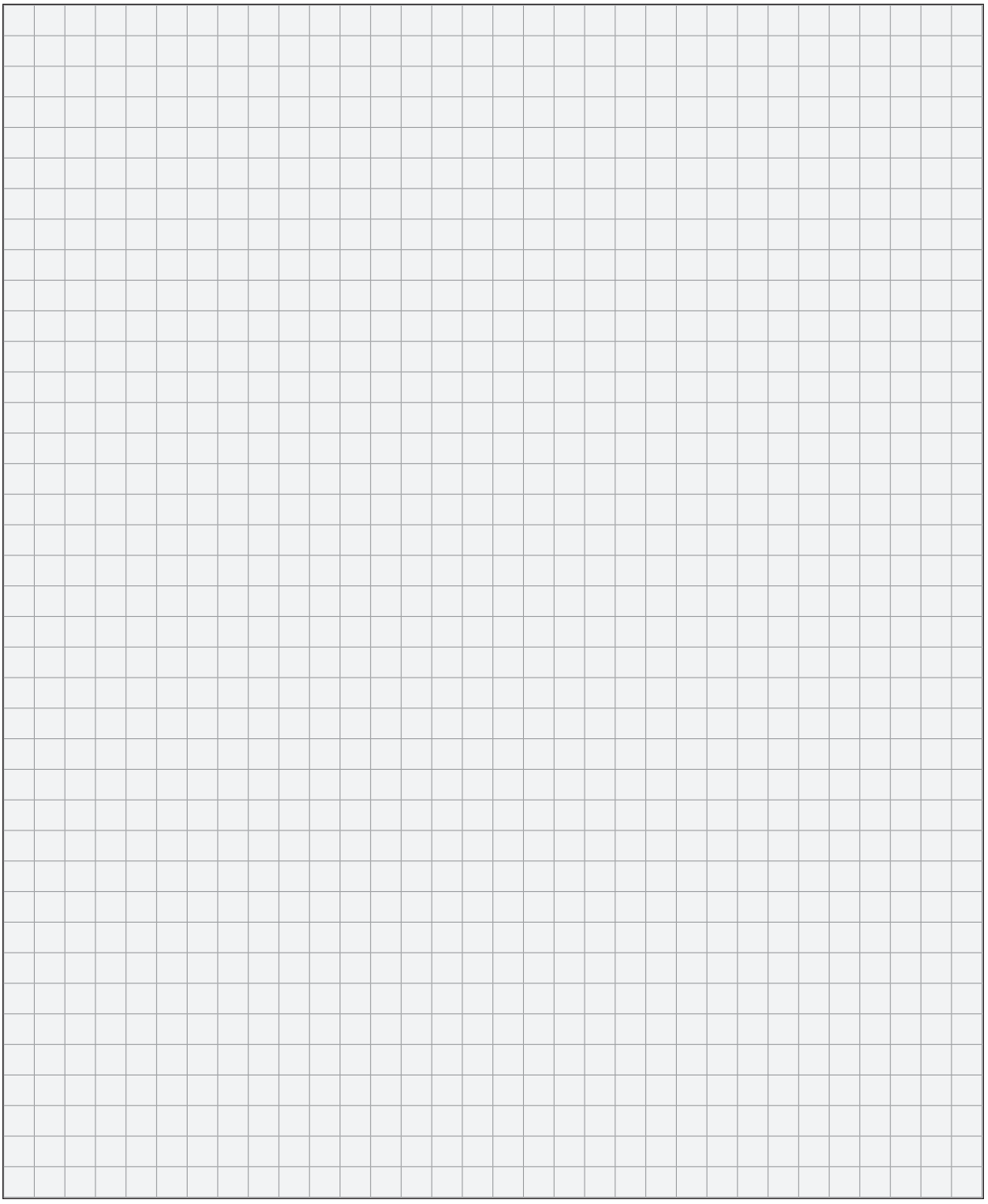
Special advantages

- Central infeed distribution in combination with motion technology
  The customer only needs to provide a power supply line.

Included Items

- Control unit for wall mounting

Product variants	Art. No.	Price in €	PH 2
Power distribution modul CPD 1	2336208	-	-



ProfiTech M

The ProfiTech M control system is a standardized industrial control system with a comprehensive range of standard functions. Numerous interfaces ensure the integration of the system into the complete production process. Secure communication complies with industrial standards. The functional scope ranges from simple gun control to complex motion technologies to achieve coating results of the highest quality with efficient use of resources. Various controlling and monitoring functions allow for safe and reproducible coating operations.

1. Highly Efficient Coating

Whether simple gun control or complex motion technology with specific single functions for efficient coating processes - with ProfiTech M you achieve an efficient, safe, and reproducible coating operation.

2. Complete Control

The control unit EPG S2 allows the independent remote controlling of up to two guns per device using a complete CAN bus central control unit. The Closed Loop Airflow Technology ensures constant set values.

3. User Friendliness

The modern operating concept „Touch and Twist“ with touchscreen and turn-and-push knob ensures a central and flexible system control.

4. Customer Specific Flexibility

The comprehensive functional scope and the modular design with easy assembly and setup fulfill all your requirements.

ProfiTech M

Thanks to its modular design and comprehensive functional range, the system delivers excellent coating results. The logical menu structure and the „Touch and Twist“ operating concept ensure efficient operation.

Special advantages

- Modular system
  Simple installation and quick expansion options
- Centralized system operation
  Comfortable and efficient operation
- Graphic interface optimized for operation
  Simple and safe operation
- 1000 coating recipes with comprehensible logic
  Quick operation with repeatable results

Included Items

- Depending on the system configuration, components are required in different quantities.
- Example of a typical configuration:
- 1 MCM master control module with touch-screen for central system control
- 1 CPS control cabinet for power distribution and signal interlock
- EPG S2 for controlling the guns, installed in the rack
- Movement technology with reciprocators and transfer carriage
- Workpiece recognition via light strips
- Connection cables and hoses
- Powder cabins with powder recovery unit, booth control cabinet and powder supply system are added

Ordering information

- Special configurators are available for the system configuration.

Master Control Module MCM

The MCM is the central control and operation unit of the ProfiTech M for operating all functions of the peripheral system components. The modern „Touch and Twist“ operating concept ensures flexible operation.

Special advantages

- Large 10.4“ color touch screen with 4:3 ratio
  Centralized system operation with touch and twist concept
- Clear and concise menu structure
  Easy and efficient operation
- Special operator guidance for complex sequences.
  Safe operation of the system in the right sequence, for example for paint changes

Included Items

- MCM control unit in housing
- 2 keys for the key switch
- Application software, maximum function

Product variants	Art. No.	Price in €	PH 2
MCM Master Control	2330000	-	-

Control cabinet CPS

The CPS control cabinet ensures the power supply for various system components. Additionally, it serves as a signal interface to the MCM module and the peripheral components.

Special advantages

- Central power supply for the connected components.
  Only one connection point
- Main components connect using plug and socket.
  Easy and reliable connection
- Compact design
  Space saving, does not require any specific installation site.

Included Items

- CPS control, wall cabinet housing

Product variants	Art. No.	Price in €	PH 2
MCM CPS I/O Control	2330001	-	-

Gun control module EPG S2

The EPG S2 control unit is used for all WAGNER guns in an automated system. 2 guns may be connected and independently remote-controlled using the central control unit.

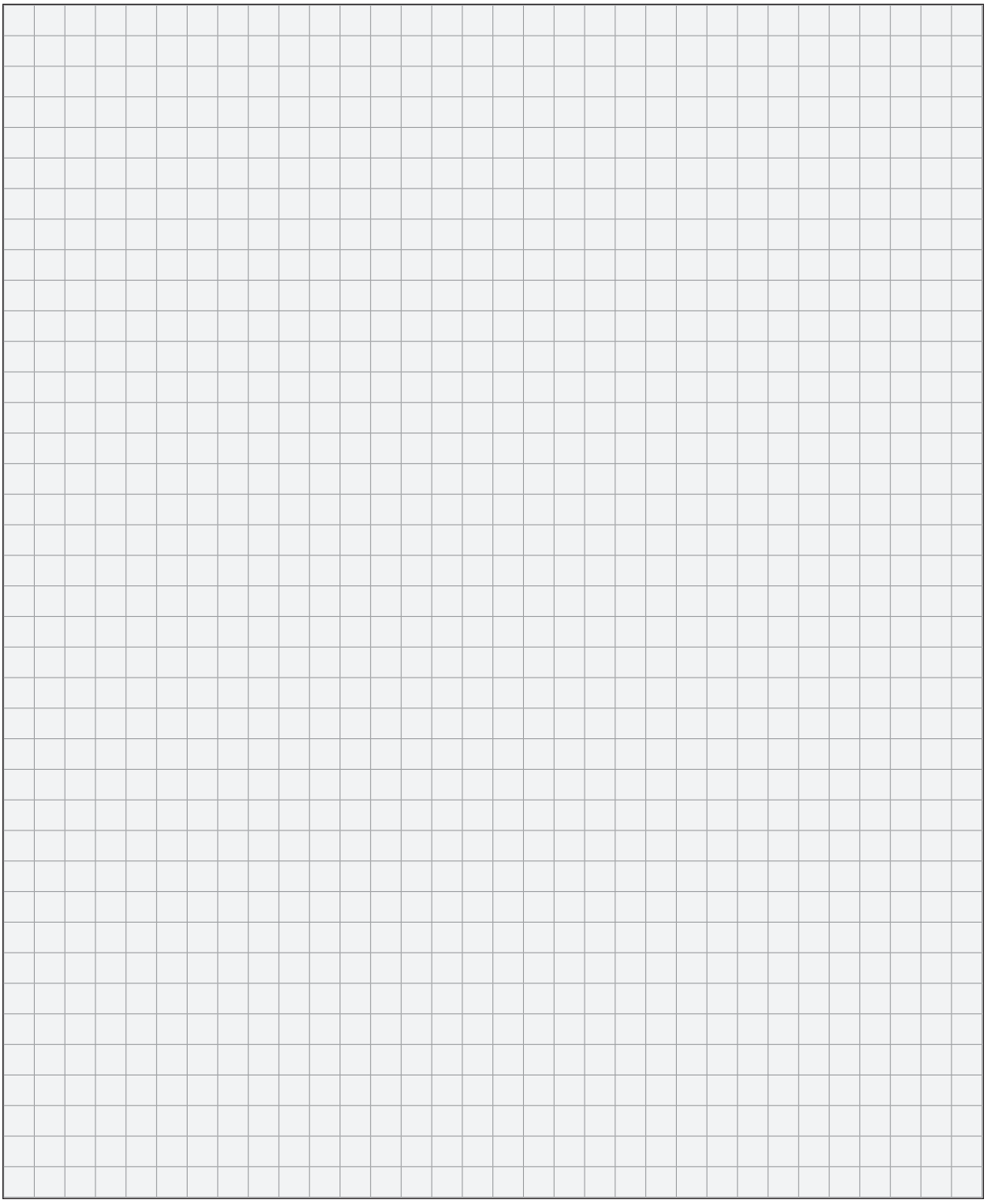
Special advantages

- Fully electronic control unit for reproducible product quantity settings
  Storage and retrieval of programs with all coating parameters
- Closed loop AFC air flow controller
  Exact and reproducible settings and their precise output
- Controlling 2 guns
  Space-saving construction

Included Items

- EPG S2 control unit for rack installation
- Power cable not included

Product variants	Art. No.	Price in €	PH 2
Controler EPG S2	2316991	-	-
Controler EPG S2 FM	2343176	-	-



ProfiTech S

The ProfiTech S control system is a customer specific designed system with standard function and individual special functions. The universal interfaces ensure the integration of the systems into the complete production process. Secure communication complies with industrial standards. The individual planning and design of these control systems ensure a degree of specific process reliability and high-level functionality.

1. Reliability

Integration of industrial control for PC or PLC based hardware. Touchscreen 9", 16:9 format - optional also with 12" and 15" (16:9).

2. Specific Interfaces

In addition to standard interfaces to other components, further specific data communication interfaces can be made available.

3. Cost-effectiveness and Performance

The partially modular design allows for cost-efficient and space-saving solutions. Precise control systems and specifically tailored software solutions that set an industry benchmark are used to achieve optimum coating performance and quality.

4. Flexibility and Automation

In addition to the comprehensive standard functional scope, customer specific requirements can be implemented.

ProfiTech S

This control system is used to control customer-specific designed powder coating systems. It allows for the implementation of simple and complex control tasks to achieve maximum coating performance.

Technical data	
Input frequency	50 Hz
Protection class	IP 54

Special advantages

- The controller consists of individual basic modules configured to meet specific customer requirements
  Fulfills all customer requirements at a good price/performance ratio
- Industrial control with PC or PLC operating systems
  Powerful, globally available system
- System operation via touchscreen
  Central, simple, intuitive control of all system components
- Links all control procedure equipment for powder coating with recipes, synchronized gap/height/depth control, 4D robotics and work piece sensors
  Maximum coating quality, efficiency, and automation

Ordering information

- ProfiTech S control systems are planned separately.
- The WAGNER project department will quickly draft an offer upon request.

Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.
Please select the components you require from this table.

● Compatible with one another

	PrimaTech-CCM	PrimaTech rack	Control units	GCM Prima gap control module	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S			
Connector, coupling												
Hose clip d20-38 mm					●	●		●	●	9990224	-	
Air hose												
Air hose PEN 8/5.5 mm black			●				●	●	●	9982078	-	
Air hose PEN 6/4 mm black			●					●	●	9982079	-	
Air hose PEN 8/5.5 mm red			●							9982063	-	
Air hose PEN 8/5,5 mm blue			●				●	●	●	9982062	-	
Air hose PEN 8/5,5 mm green			●							9982077	-	
Hose rubber 37/25 mm yellow 20bar								●	●	3310114	-	
Fixture												
Mounting, rot. transducer				●						3104680	-	
Assembly profile scan/2025 with fixings				●						3151289	-	
Assembly profile scan/2400 with fixings				●						3151033	-	
Tube round aluminium d40x3 mm					●			●		3070646	-	
Base clamp					●			●		3106681	-	
Leg clamp piece					●			●		701305	-	
Stand for peristaltic pump cabinet						●		●		3066838	-	
BT-2R1 - Holder set for CML720								●	●	2345087	-	
BT-2L - Holder set for CML720								●	●	2345085	-	
BT-2Z - Holder set for CML720								●	●	2345084	-	
Assembly												
Profile rail, C 2068/F 35x18				●						3054988	-	
Tenon Block 8 St M5				●						3136285	-	
Power cable												
Connector-Set CCM-EPG	●									263092	-	
Connection kit CCM-SCM 10m	●									263093	-	
Conection set CCM-SCM 1,4m	●									263094	-	
Mains cable + Stak 200 CH	●									241271	-	
Mains cable Japan	●									264625	-	
Cable GCM-CCM				●						263241	-	
Connection cable GCM-GCM 1,2m				●						263253	-	
Extension cable GCM-GCM 10m				●						263252	-	
Transition cable SCAN Y-Connection box				●						360246	-	
connection cable T0.5 L=0.5m				●						3148831	-	
connection cable T2 L=2.0m				●						3148832	-	
connection cable T5 L=5.0m				●						3148833	-	
connection cable T10 L=10.0m				●						3148834	-	
Grounding-Kit				●						360262	-	
Oil flex 5x6mm²					●	●				3125457	-	
Encoder Connecting Cable M12 M/F 30Meter					●					2336565	-	

Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.
Please select the components you require from this table.

● Compatible with one another

	PrimaTech-CCM	PrimaTech rack	Control units	GCM Prima gap control module	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S			
Power cable												
Main connection primatech						●	●			360263	-	
Sonsor												
Incremental Encoder assy 14 pulse	●									3110923	-	
Light barrier with plug	●									3113707	-	
Light curtain SCAN S30-450	●									3148826	-	
Light curtain SCAN S30-1200	●									3148827	-	
Light curtain SCAN S30-1650	●									3148828	-	
Light curtain SCAN S30-2025	●									3148829	-	
Light curtain SCAN S30-2400	●									3148830	-	
Incremental encoder 100 pulse	●									9955239	-	
Light curtain CML720 unit 160/05 CANopen								●	●	2345151	-	
Light curtain CML720 unit 310/20 CAN								●	●	2345152	-	
Light curtain CML720 unit 470/20 CAN								●	●	2345153	-	
Light curtain CML720 unit 630/20 CAN								●	●	2345154	-	
Light curtain CML720 unit 950/20 CAN								●	●	2345155	-	
Light curtain CML720 unit 1270/20 CAN								●	●	2345156	-	
Light curtain CML720 unit 1590/20 CAN								●	●	2345157	-	
Light curtain CML720 unit 1910/20 CAN								●	●	2345158	-	
Light curtain CML720 unit 2230/20 CAN								●	●	2345159	-	
Light curtain CML720 unit 2550/20 CAN								●	●	2345160	-	
Light curtain CML720 unit 2870/20 CAN								●	●	2345161	-	
Light curtain CML720 unit 610/40 CAN								●	●	2345162	-	
Light curtain CML720 unit 930/40 CAN								●	●	2345163	-	
Light curtain CML720 unit 1250/40 CAN								●	●	2345164	-	
Light curtain CML720 unit 1570/40 CAN								●	●	2345166	-	
Light curtain CML720 unit 1890/40 CAN								●	●	2345167	-	
Light curtain CML720 unit 2210/40 CAN								●	●	2345169	-	
Light curtain CML720 unit 2530/40 CAN								●	●	2345170	-	
Light curtain CML720 unit 2850/40 CAN								●	●	2345171	-	
Accessories												
Orifice metal Rack PrimaTech/Digitech		●								360238	-	
Plug, boxes												
Connection box, GCM2007				●						263254	-	
Accessories												
MCM Cable Set 10M					●	●				2330002	-	
mGuard rs2000 TX/TX VPN 550					●			●		2322358	-	
Installation set MCM- mGuard					●			●		2340037	-	
CAN Bus Terminator Female M12 5pol						●				2338042	-	
M12 Bu/St straight, 8x0.25, yellow,2m						●		●		2333387	-	

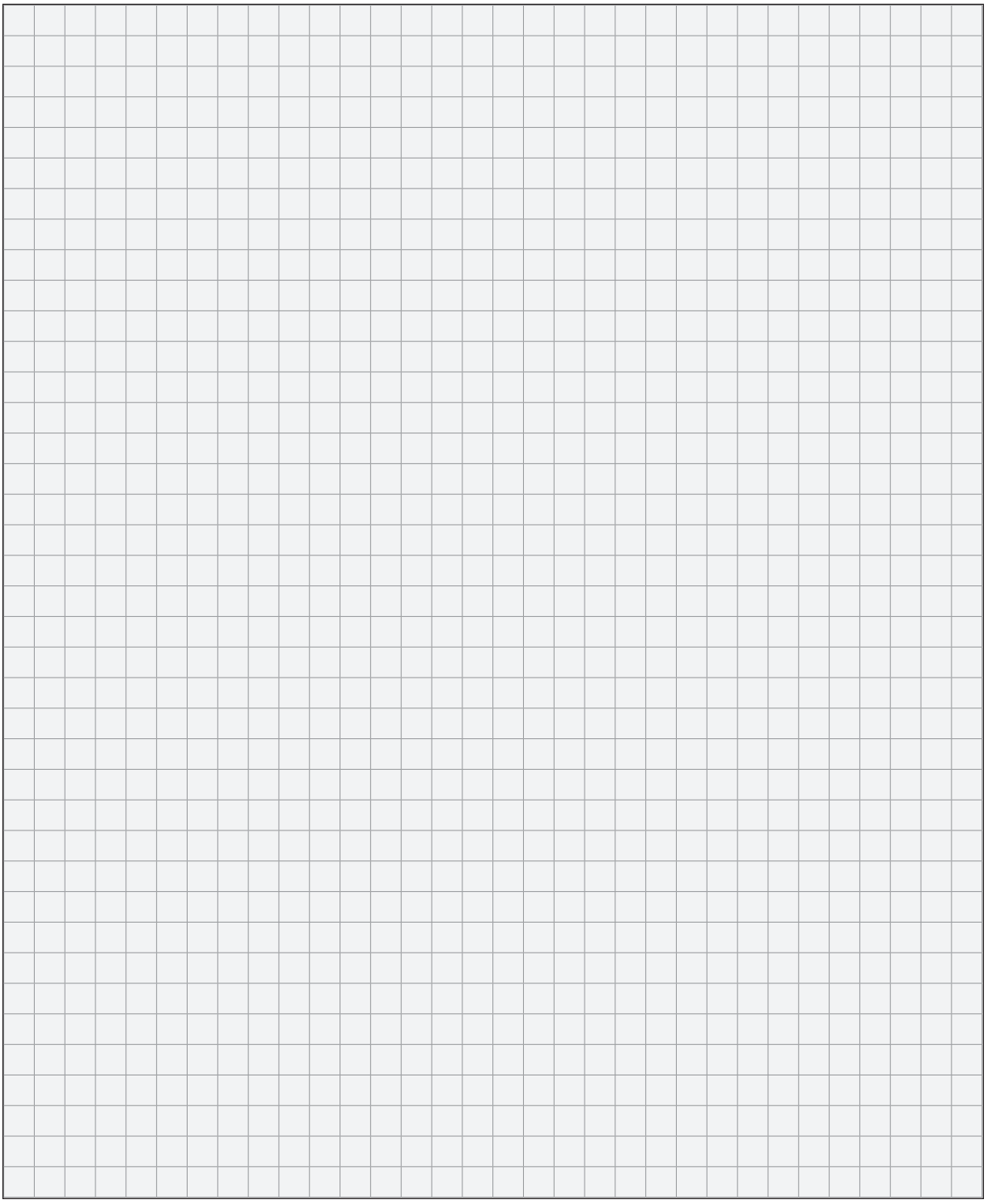
NEW

Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.
Please select the components you require from this table.

● Compatible with one another

Accessories	PrimaTech-CCM	PrimaTech rack	Control units	GCM Prima gap control module	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S			
Support for hollow encoder cpl.						●		●		2335512	-	
Profitech M - SFM2 Protection door modul						●		●		2342292	-	
Plug for safety doors						●		●		2342305	-	
Main switch 3 phase, 11.5 kW						●				2331260	-	
Encoder hollowshaft 24V/DC, 100p, Ex						●				2335582	-	
CAN Buscable 5.0 Meter						●	●	●		2320129	-	
CAN Buscable 10.0 Meter						●	●	●		2320130	-	
M12 cable m/f straight, 8x0.25, yellow, 5m						●				2333388	-	
M12 cable m/f straight, 8x0.25, yellow, 10m						●				2333389	-	
M12 cable m/f straight, 8x0.25, yellow, 20m						●				2333390	-	
Door switch PSEN code,set						●				2333441	-	
Adhesive film numbers 1-32							●	●		2321744	-	
Connection Set EPG S2							●			2321529	-	
CAN Buscable 0.6 Meter							●	●		2320127	-	
CAN Buscable 2.0 Meter							●	●		2320128	-	
CAN Bus Terminator Male M12 5pol							●			2321402	-	
Rack EPG S2 assy.							●	●	●	2328670	-	
Carrier plate EPG S2							●	●	●	2328668	-	
Cover plate for EPG S2 rack							●	●	●	2328669	-	
Controler EPG S2								●	●	2316991	-	
Connection cable for CML720 R/T - 5m								●	●	2345082	-	
Y- Connection cable for CML720 - CAN								●	●	2345083	-	
manifold Exact12 4xM12								●	●	2345173	-	



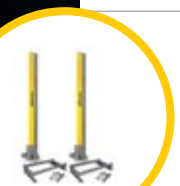
Our best standards ensure an immediate start.

WAGNER complete systems and packages include high quality components, which are also used for complex customer specific systems. This is essential for excellent coating results. Standardization and intelligent modular concepts allow for customer specific adaptation.

Complete system

PrimaCube complete system 134

PrimaCube booth package 140



PrimaCube movement packages 142

Accessories 143

PrimaCube complete system

The complete system includes booth, mono cyclones with final filter, pipings, powder center with central control system application technology with PrimaSprint gun control and reciprocators as well as installation material.

1. Complete system

The complete system includes booth, mono cyclones with final filter, pipings, powder center with central control system application technology with PrimaSprint gun control and reciprocators as well as installation material.

2. Variants for Individual Designs

The systems allows for individual planning regarding the number of manual coaters, number of guns and the gun arrangement.

3. Extensive Work Piece Range

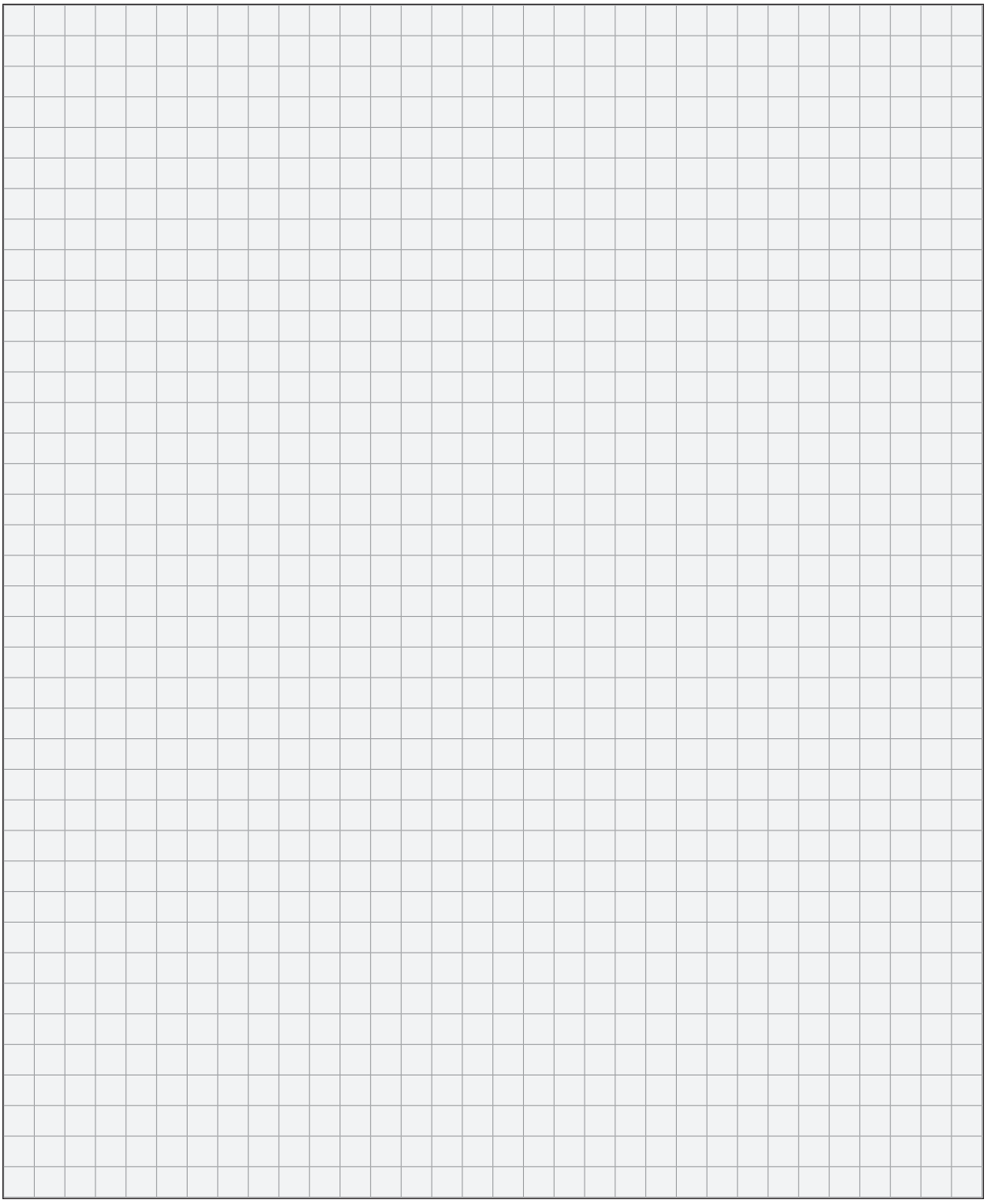
The maximum work piece dimensions of H=2,000 mm x W= 800 mm allow for the coating of a wide range of work pieces.

4. Compact design

The PrimaCube systems allow for a space-saving installation, thanks to their compact design and arrangement.

5. High quality technology

- AFC air flow regulator with closed-loop technology
- HVM digital high-voltage module
- Optimized feeding systems (efficiency, wear)
- Optimized nozzle systems (layer thickness distribution, charging)
- Booth suction concept with 2 suction pipes for minimal impact on the powder cloud.



Complete system 12000

The complete system includes all required components for the installation of a complete system. Several versions and accessories allow for individual customization. It offers all functions required for a high coating quality and a fast paint change.

Technical data	
Fan motor power	30 W
Total power consumption	32 kW
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V, 50 Hz
Suction capacity, exhaust	12.000 m^3/h

Special advantages

- Booth housing with PVC sandwich construction, 2.5 m length
  Rapid and easy paint change, partially automated (dependent on configuration)
- Suction power 12,000 m^3/h
  For workpieces H1,400xW600
- Manually coated positioned on the front side
  Direct access to the workpiece ensures the highest coating quality
- Variable gun arrangement
  Customized layout possible

Included Items

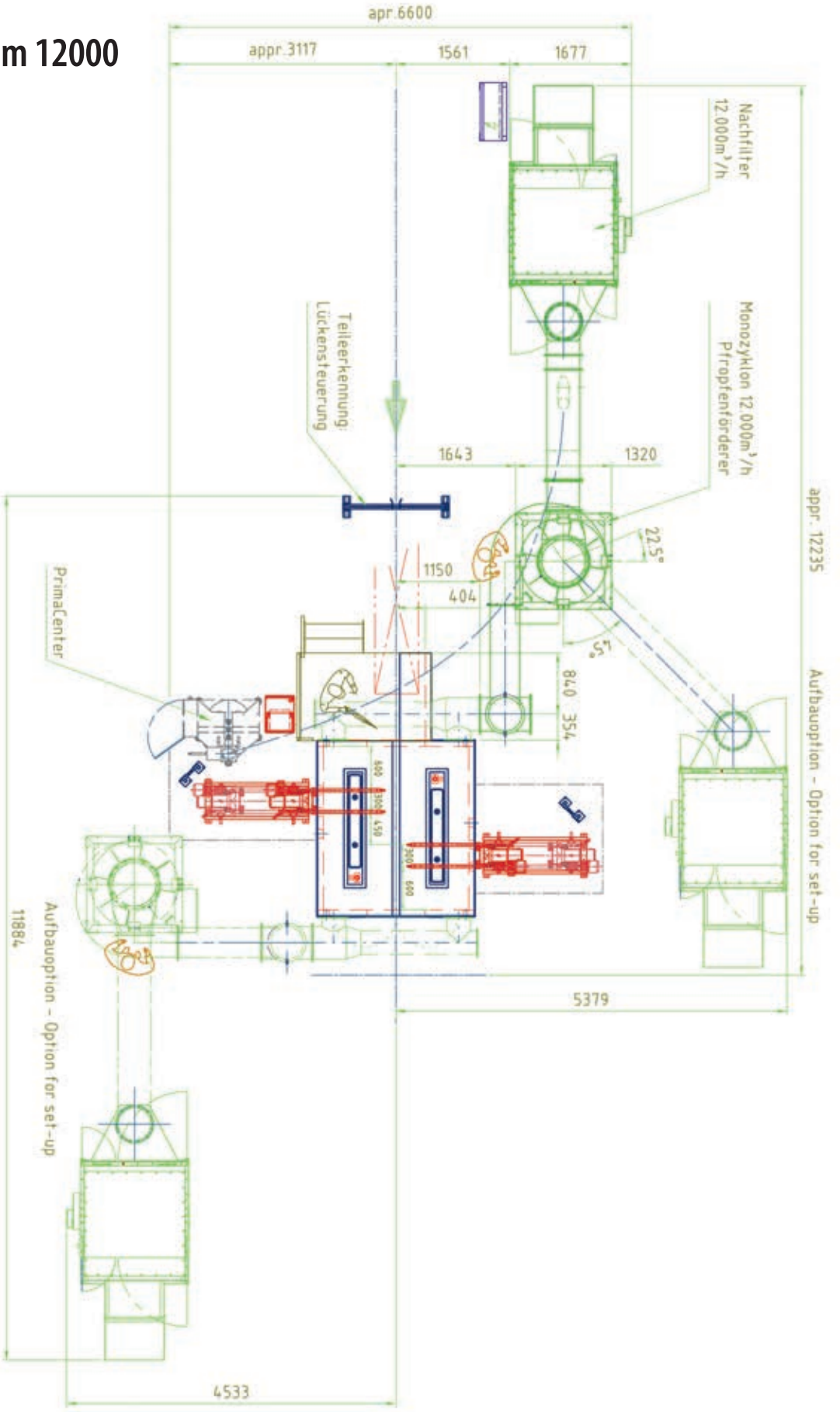
- Booth housing made of PVC sandwich elements
- 3 gun slots per side
- 1 front manual coating station
- Max. work piece dimensions H=1,400 mm x W=600 mm
- Monocyclone with final filter 12.00 m^3/h
- Controller for final filter
- Peristaltic pump
- PrimaCenter integral powder center with centralized system operation
- Application equipment according to the configuration selection
- Assembly material
- The arrangement of the components is based on the standard layout.
- Without motion package

Ordering information

- The complete PrimaCube system contains all components and assembly material for installing a complete powder coating system.
- The arrangement of the components is based on the standard layout.
- The system is available in versions with various numbers of guns and gun arrangements.
- The appropriate model is selected based on the work piece dimensions, work piece geometry, and conveyor speed.
- WAGNER provides various design tools for determining the appropriate available version.

Product variants	Art. No.	Price in €	PH 2
PrimaCube 12000, 4xPEA-C4XL w/o moving	2336116	-	-
PrimaCube 12000, 6xPEA-C4XL w/o moving	2336117	-	-
PrimaCube 12000, 8xPEA-C4XL w/o moving	2336118	-	-
PrimaCube 12000, 10xPEA-C4XL w/o moving	2336119	-	-
PrimaCube 12000, 12xPEA-C4XL w/o moving	2336120	-	-

Complete system 12000



Complete system 16000

The complete system includes all required components for the installation of a complete system. Several versions and accessories allow for individual customization. It offers all functions required for a high coating quality and a fast paint change.

Technical data	
Fan motor power	37 W
Total power consumption	39 kW
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V, 50 Hz
Suction capacity, exhaust	16.000 m^3/h m^3/h

Special advantages

- Cabin housing constructed of PVC sandwiches, 2.5m long
  Rapid and easy paint change, partially automated (dependent on configuration)
- Suction power 16,000 m^3/h
  For workpieces H2,000xB800
- Manually coated, positioned on the front side
  Direct access to the workpiece ensures the highest coating quality
- Variable gun arrangement
  Customized layout possible

Included Items

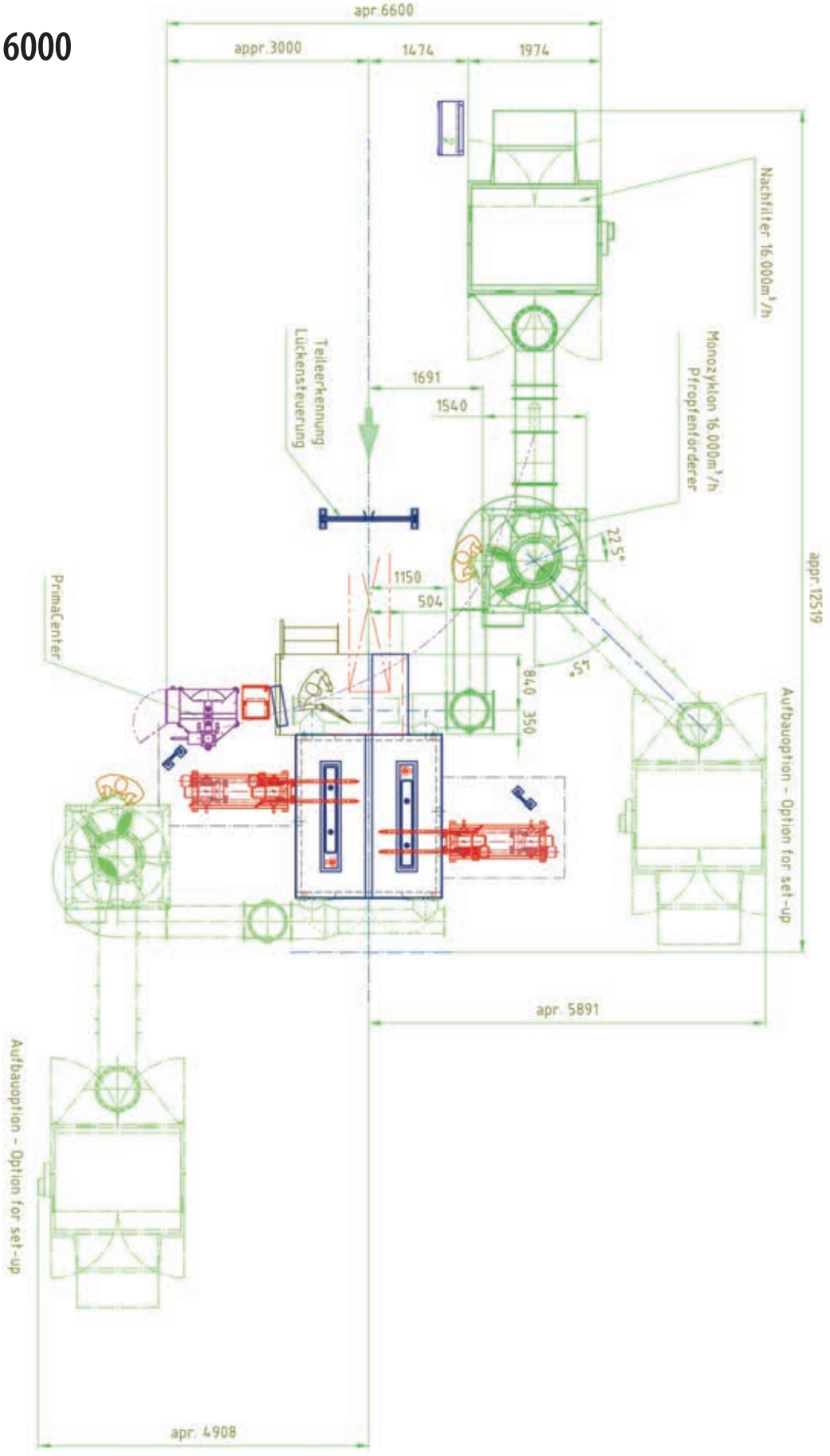
- Booth housing made of PVC sandwich elements
- 3 gun slots per side
- 1 front manual coating station
- Max. work piece dimensions H=2,000 mm x W=800 mm
- Monocyclone with final filter 16,000 m^3/h
- Controller for final filter
- Peristaltic pump
- PrimaCenter integral powder center with centralized system operation
- Application equipment according to the configuration selection
- Assembly material
- The arrangement of the components is based on the standard layout.
- Without motion package

Ordering information

- The complete PrimaCube system contains all components and assembly material for installing a complete powder coating system.
- The arrangement of the components is based on the standard layout.
- The system is available in versions with various numbers of guns and gun arrangements.
- The appropriate model is selected based on the work piece dimensions, work piece geometry, and conveyor speed.
- WAGNER provides various design tools for determining the appropriate available version.

Product variants	Art. No.	Price in €	PH 2
PrimaCube 16000, 4xPEA-C4XL w/o moving	2336131	-	-
PrimaCube 16000, 6xPEA-C4XL w/o moving	2336132	-	-
PrimaCube 16000, 8xPEA-C4XL w/o moving	2336133	-	-
PrimaCube 16000, 10xPEA-C4XL w/o moving	2336135	-	-
PrimaCube 16000, 12xPEA-C4XL w/o moving	2336136	-	-

Complete system 16000



PrimaCube booth package

The PrimaCube booth package includes the booth, mono cyclones with final filters, pipings, a peristaltic feed pump, and a booth control cabinet.

1. Complete Package
The PrimaCube booth package includes the booth, mono cyclones with final filters, pipings, a peristaltic feed pump, and a booth control cabinet.

2. Variants for Individual Designs
The booth package can be selected with one or two manual coaters.

3. Extensive Work Piece Range
The maximum work piece dimensions of H=2,000 mm x W= 800 mm allow for the coating of a wide range of work pieces.

4. Safe Functioning
Coordinated components ensure the functioning of the system.

PrimaCube booth system

The PrimaCube booth system is a fully functional booth system with monocyclone recovery unit and controller. It can be combined with any application equipment and powder centers.

Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–440 V, 50 Hz

Special advantages

- Booth housing with PVC sandwich construction
- Rapid and easy paint change, partially automated (dependent on configuration)
- Very low powder quantities in the cycle for consistently high quality coating results
  Direct access to workpiece ensures very high coating quality
- Walk-in booth
  Access to all locations

Ordering information

- The booth system is delivered without application equipment.
- The arrangement of the components is based on the standard layout.

Product variants	Art. No.	Price in €	PH 2
Booth package PrimaCube System 12000	2329936	-	-
Booth package PrimaCube System 16000	2313691	-	-

PrimaCube System movement packages

PrimaCube movement packages consist of 2 reciprocators and manual or electrical sliding table with all required connecting cables, configured to match the booth package.

Special advantages

- Complete package, including connecting cable
  Simple configuration
- Configured according to booth size
  Visual and functional integration

Included Items

- 2 Reciprocator VU 1-1800 or VU 1-2400
- 2 Roller set RS 8-1000
- As alternativ to roller set: Elektric sliding table HU 1-1000
- Connection cable

Ordering information

- Movement packages complete the PrimaCube system. A packet may be selected, depending on the booth size and the desired functional scope.

Product variants	Art. No.	Price in €	PH 2
Moving package 2xVU1-1800, 2xRS8-1000	2336138	-	-
Moving package 2xVU1-2400, 2xRS8-1000	2336140	-	-
Moving package 2xVU1-1800, 2xHU1-1000	2336143	-	-
Moving package 2xVU1-2400, 2xHU1-1000	2336144	-	-

Complete system accessories

Wagner offers a comprehensive accessories range for WAGNER complete systems. Please select the components you require from this table.

● Compatible with one another

	Complete systems 12000	Complete systems 16000	PrimaCube booth system			
Container						
Powder Container PrimaCenter	●	●	●	3918797	-	
Air hose						
spiralhose PVC grey d150	●	●	●	2312326	-	
Accessories						
Moving package 2xVU1-1800, 2xRS8-1000	●			2336138	-	
PrimaSprint manual set F incl. console	●	●		2313689	-	
Manual Unit Sprint Airfluid	●	●		2329483	-	
Extention set gap control	●	●		2336115	-	
PrimaCube-MC-Roof, additional	●	●	●	2312607	-	
Moving package 2xVU1-2400, 2xRS8-1000	●	●		2336140	-	
Moving package 2xVU1-1800, 2xHU1-1000	●			2336143	-	
Moving package 2xVU1-2400, 2xHU1-1000	●			2336144	-	
PrimaCube-manual coater 2	●	●	●	2312608	-	
PrimaCube manual platform 12000	●		●	2329939	-	
Reduction sleeve d10	●		●	241580	-	
Flat seal	●		●	241581	-	
Manual Unit Sprint AF USA	●	●		2329487	-	
PrimaCenter integral			●	2330014	-	

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